SONY

VIDEO PROJECTOR

VPL-VW90ES

REMOTE COMMANDER
RM-PJVW85
RM-PJVW85J

SXRD
Silicon X-tal Reflective Display

HDMI

SERVICE MANUAL
1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

警告

万一，異常が起きた際に，お客様が電源を切ることができるように，設置の際には，機器近くの固定配線内に専用遮断装置を設けるか，機器使用中に，容易に抜き差しできるコンセントに電源プラグを接続してください。

WARNING
When installing the unit, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power cord to a socket-outlet which must be provided near the unit and easily accessible, so that the user can turn off the power in case a fault should occur.

WARNUNG
Beim Einbau des Geräts ist daher im Festkabel ein leicht zugänglicher Unterbrecher einzufügen, oder das Netzkabel mu*ß* mit einer in der Nähe des Geräts befindlichen, leicht zugänglichen Wandsteckdose verbunden werden, damit sich bei einer Funktionsstörung die Stromversorgung zum Gerät jederzeit unterbrechen lä*ß*t.

注意

指定以外の電池に交換すると，破裂する危険があります。
必ず指定の電池に交換してください。
使用済みの電池は，国または地域の法令に従って
処理してください。

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
When you dispose of the battery, you must obey the law in the relative area or country.

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.
Lorsque vous mettez la batterie au rebut, vous devez respecter la législation en vigueur dans le pays ou la région où vous vous trouvez.

VORSICHT

Explosionsgefahr bei Verwendung falscher Batterien.
Batterien nur durch den vom Hersteller empfohlenen oder einen gleichwertigen Typ ersetzen.
Wenn Sie die Batterie entsorgen, müssen Sie die Gesetze der jeweiligen Region und des jeweiligen Landes befolgen.

FÖRSIKTIGHET!

Fara för explosion vid felaktigt placerat batteri.
Byt endast mot samma eller likvärdig typ av batteri, enligt tillverkarens rekommendationer.
När du kasserar batteriet ska du följa rådande lagar för regionen eller landet.

PAS PÅ

Fare for eksplosion, hvis batteriet ikke udskiftes korrekt.
Udskift kun med et batteri af samme eller tilsvarende type, som er anbefalet af fabrikanten.
Når du bortskaffer batteriet, skal du følge lovgivningen i det pågældende område eller land.

HUOMIO

Räjähdysvaara, jos akku vaihdetaan virheellisesti.
Vaihda vain samanlaiseen tai vastaavantyyppiseen, valmistajan suosittelemaan akkuun.
Noudata akun hävittämisessä oman maasi tai alueesi lakeja.

FORSIKTIG

Eksplosjonsfare hvis feil type batteri settes i.
Bytt ut kun med samme type eller tilsvarende anbefalt av produsenten.
Kasser batteriet i henhold til gjeldende avfallsregler.

注意

如果更换的电池不正确，就会有爆炸的危险。
只更换同一类型或制造商推荐的电池型号。
处理电池时，必须遵守相关地区或国家的法律。

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Manual Structure

Purpose of this manual

This manual is the Service Manual of the Video Projector VPL-VW90ES.
This manual contains the service overview, adjustments, spare parts, block diagrams, schematic diagrams and board layouts.

Related manuals

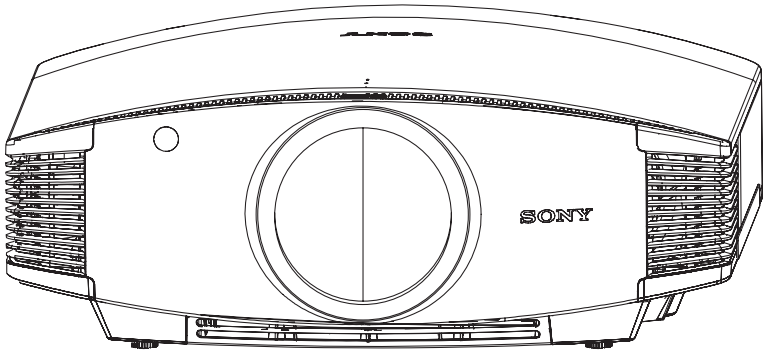
In addition to this Service Manual, the following manuals are provided.

- **Instruction Manual (supplied with the unit)**
  This manual is necessary for application and operation of this unit.

- **Protocol Manual (available on request)**
  This manual explains the protocol for controlling this unit via the RS-232C.

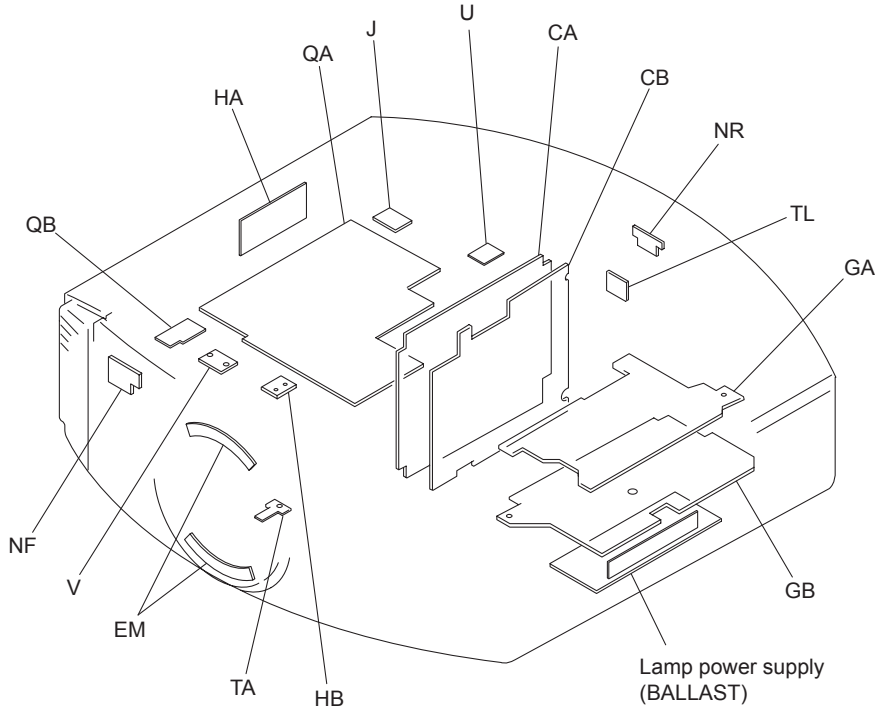
Section 1
Service Overview

1-1. Appearance Figure



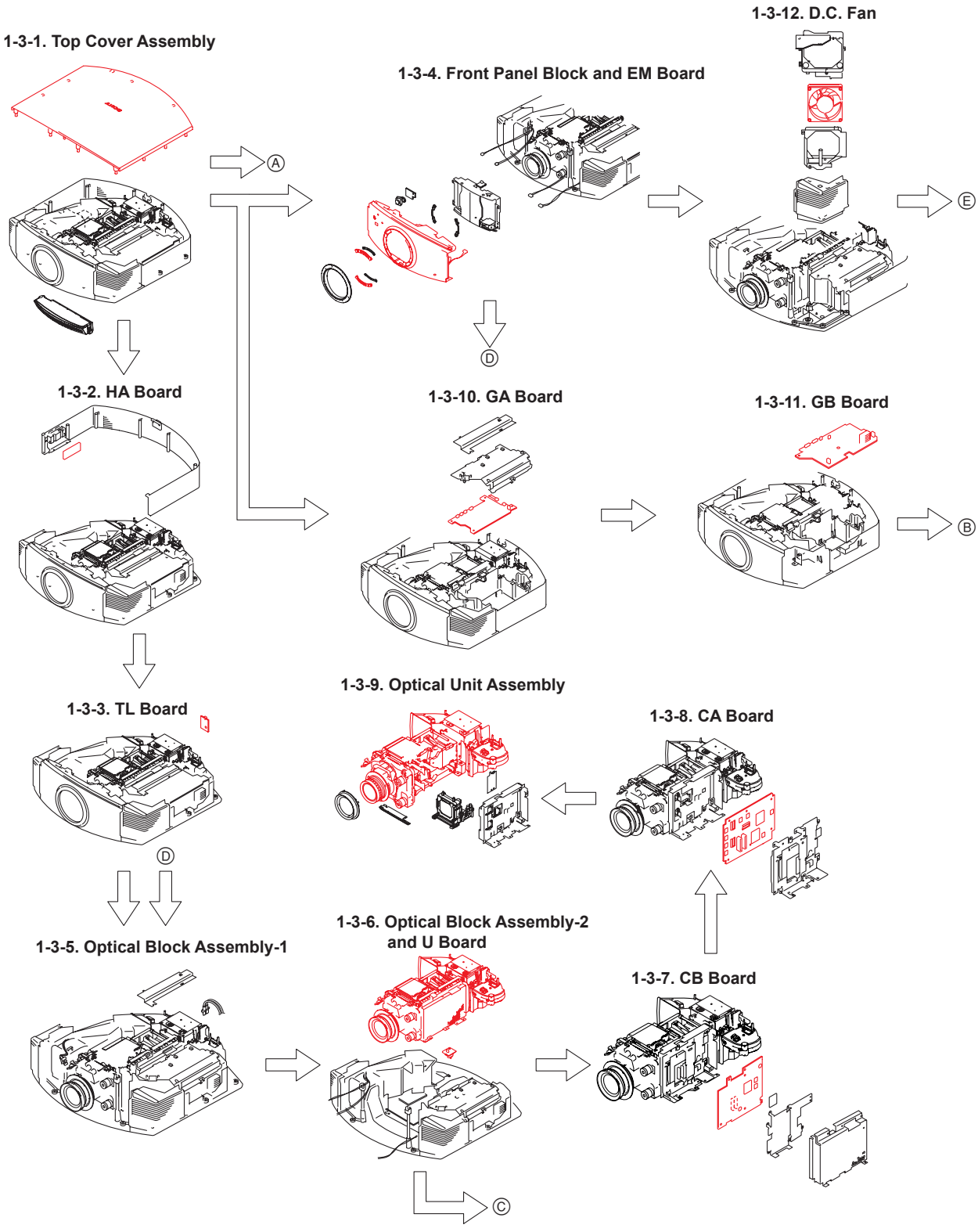
RM-PJVW85
(for SY/U/CN)
RM-PJVW85J
(for J)

1-2. Board Locations

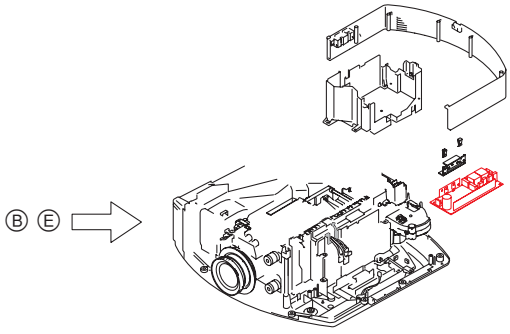


1-3. Disassembly

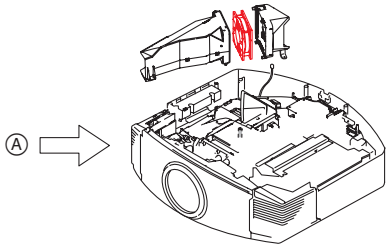
In this section, remove parts in the order of numbers shown in the figure.



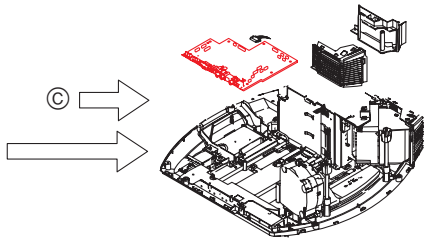
1-3-13. Lamp Power Supply



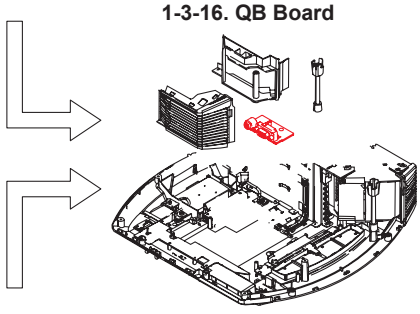
1-3-15. D.C. Fan (EX)



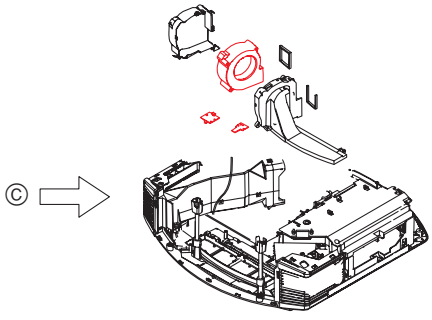
1-3-17. QA Board



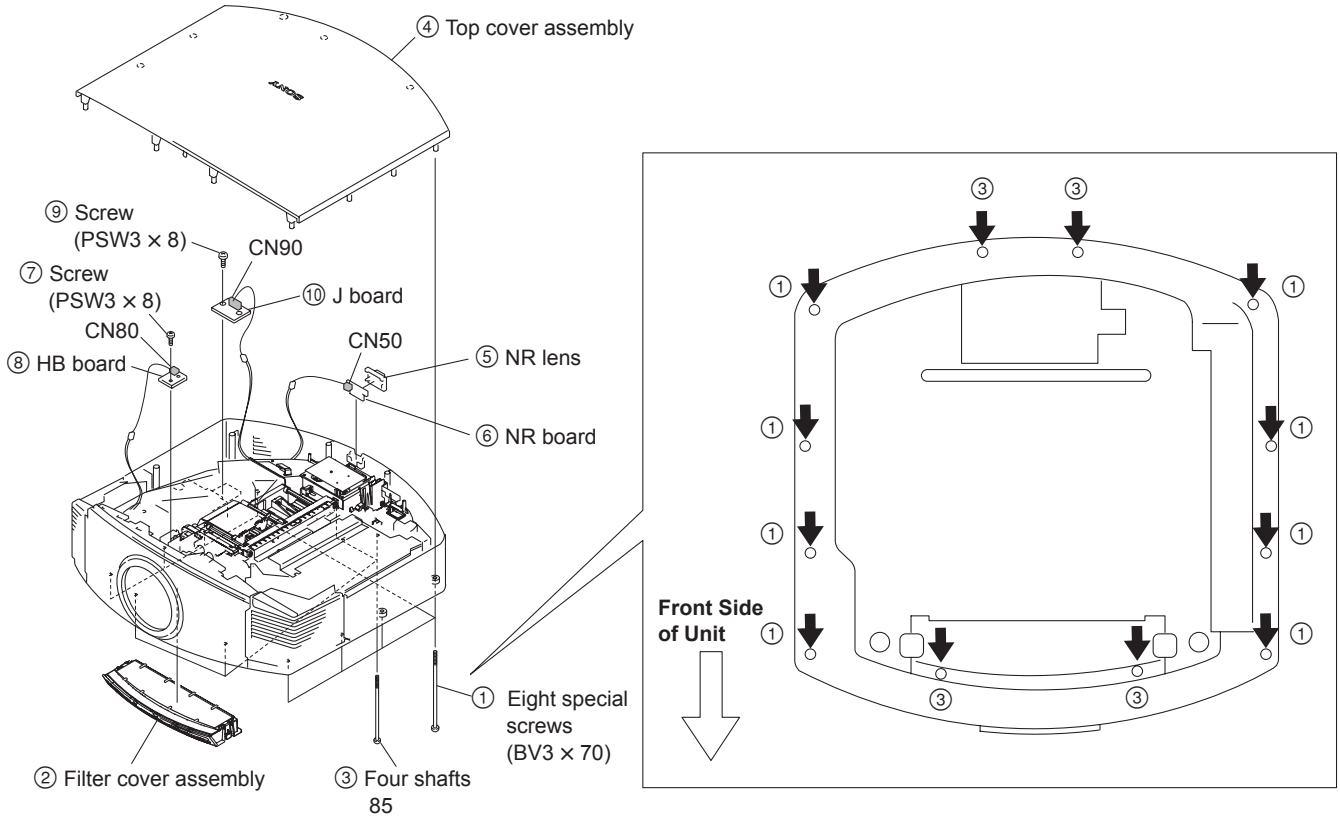
1-3-16. QB Board



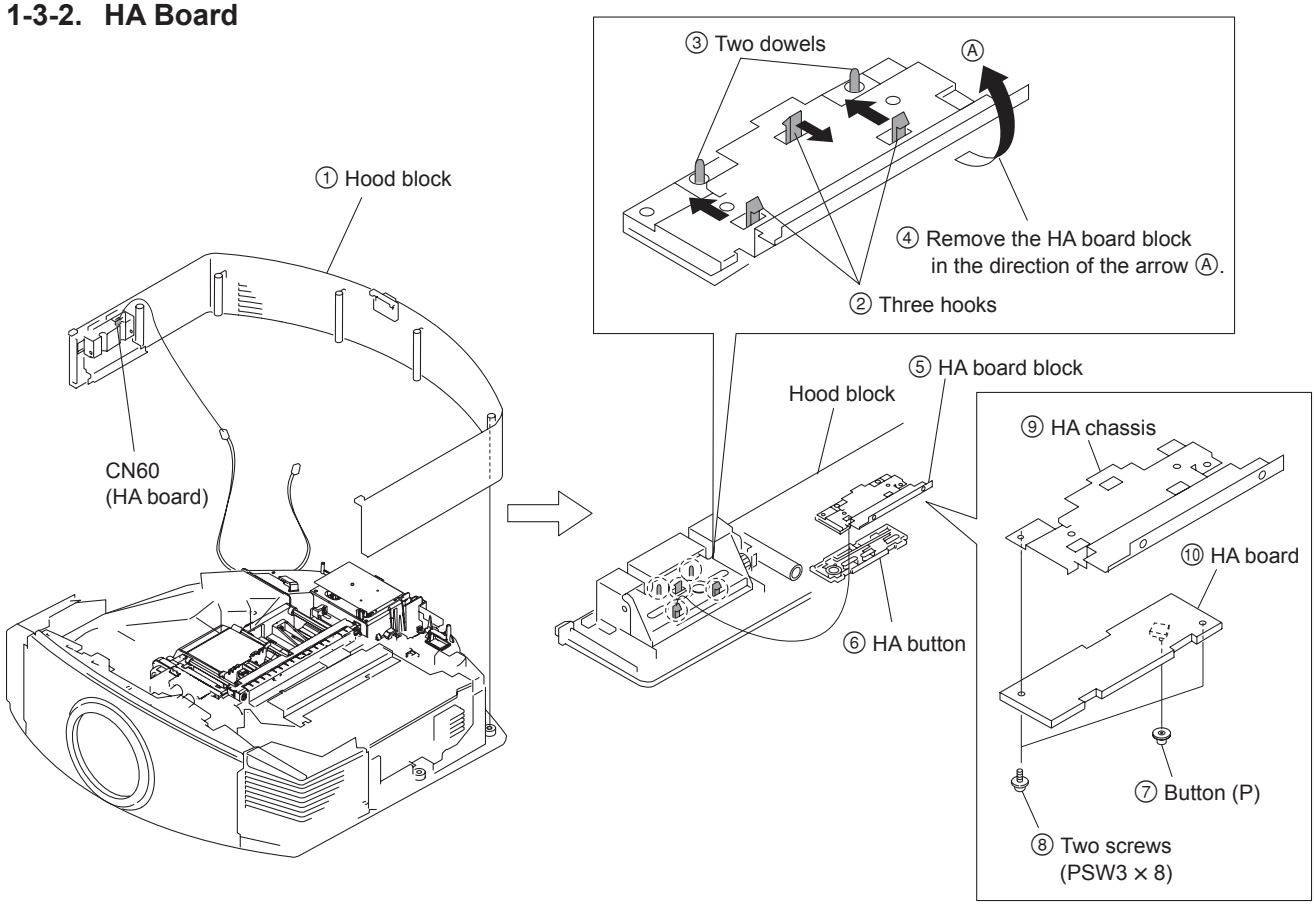
1-3-14. V Board, TA Board and D.C. Motor



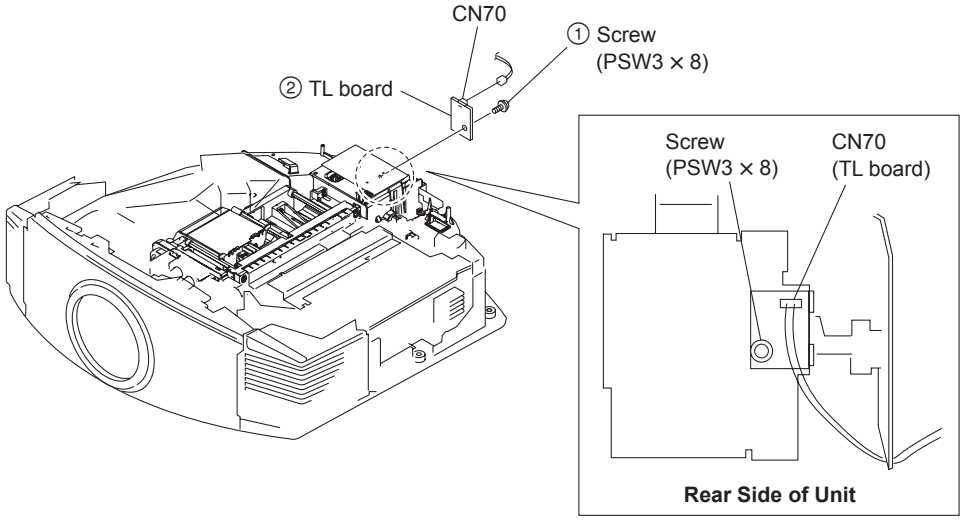
1-3-1. Top Cover Assembly



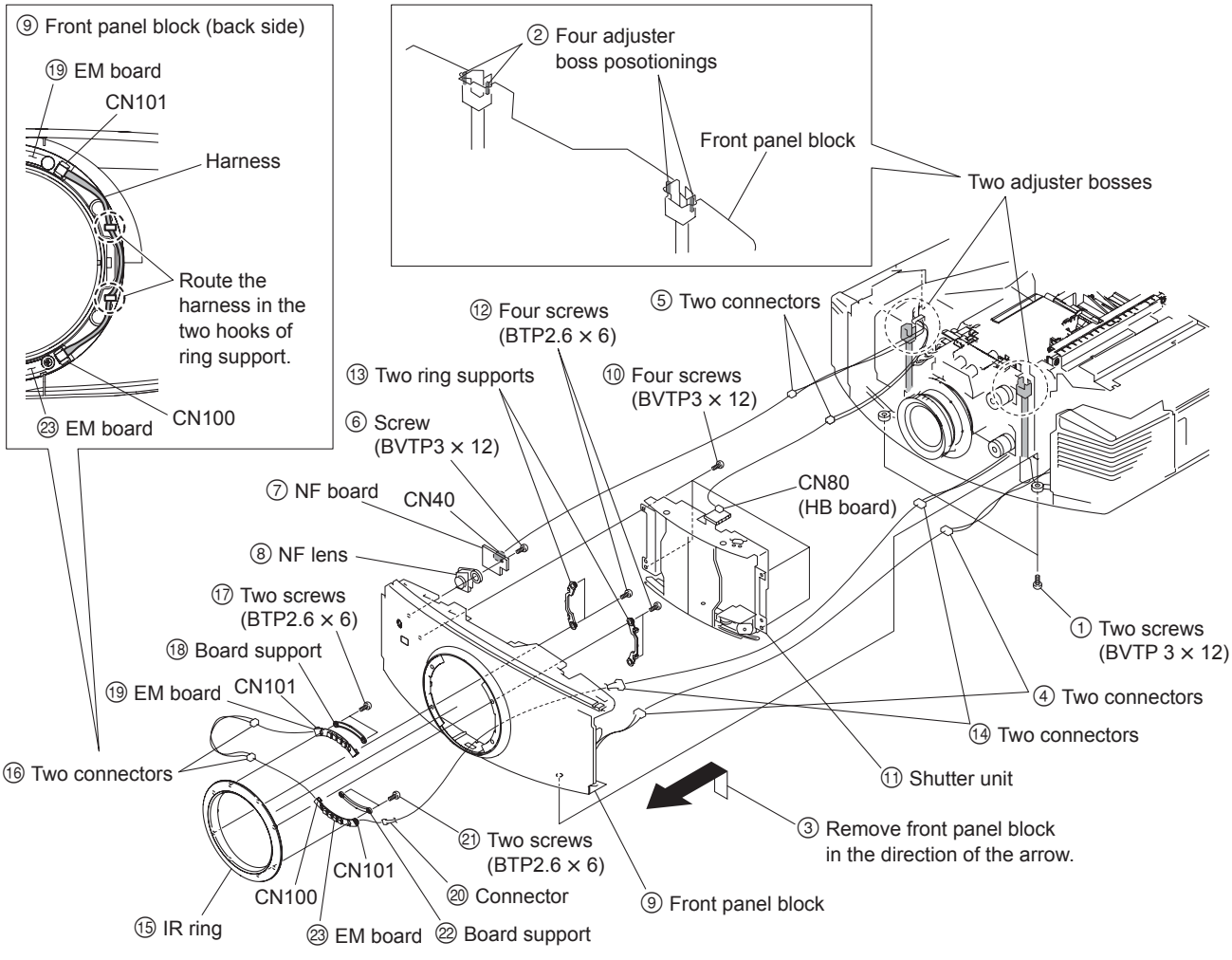
1-3-2. HA Board



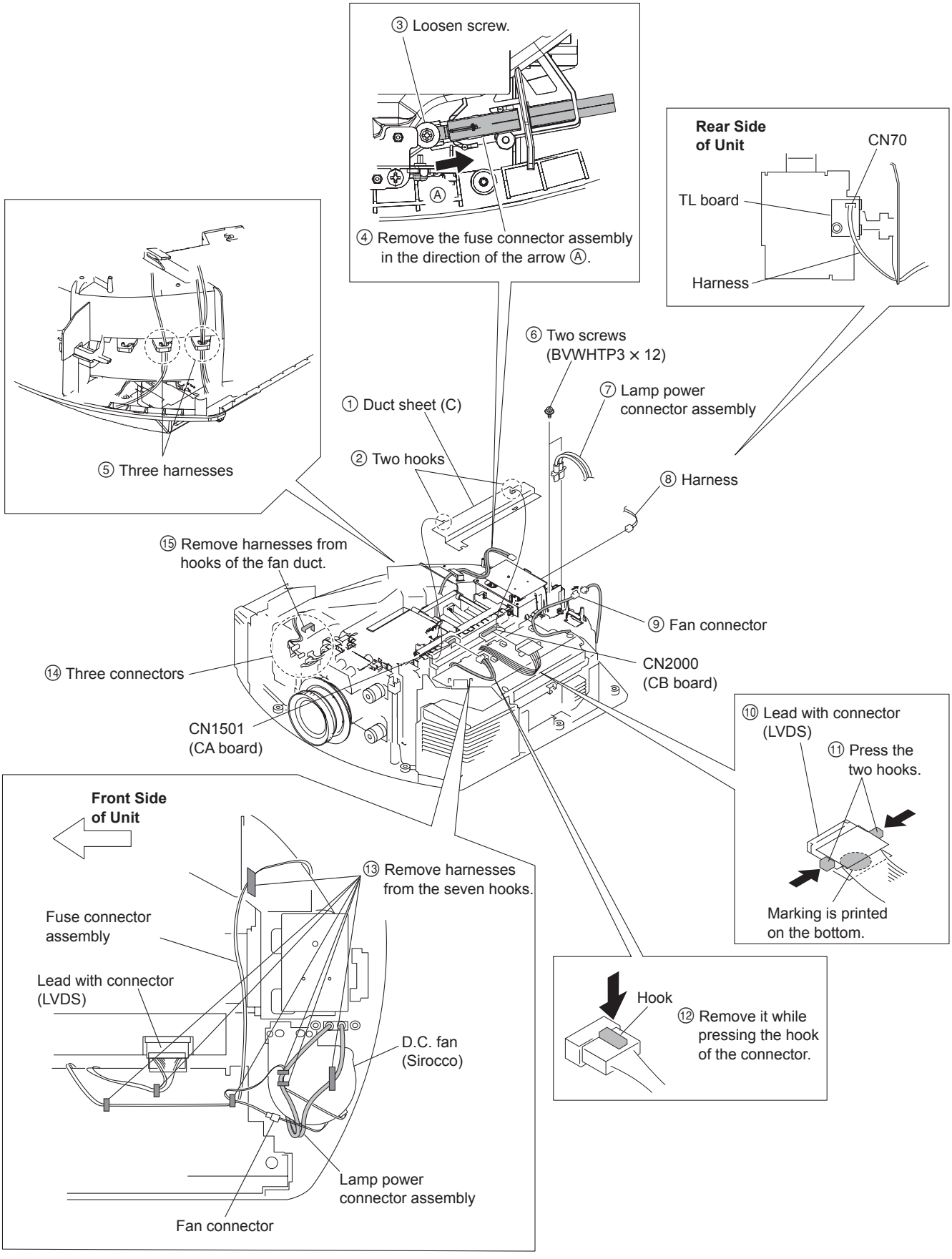
1-3-3. TL Board



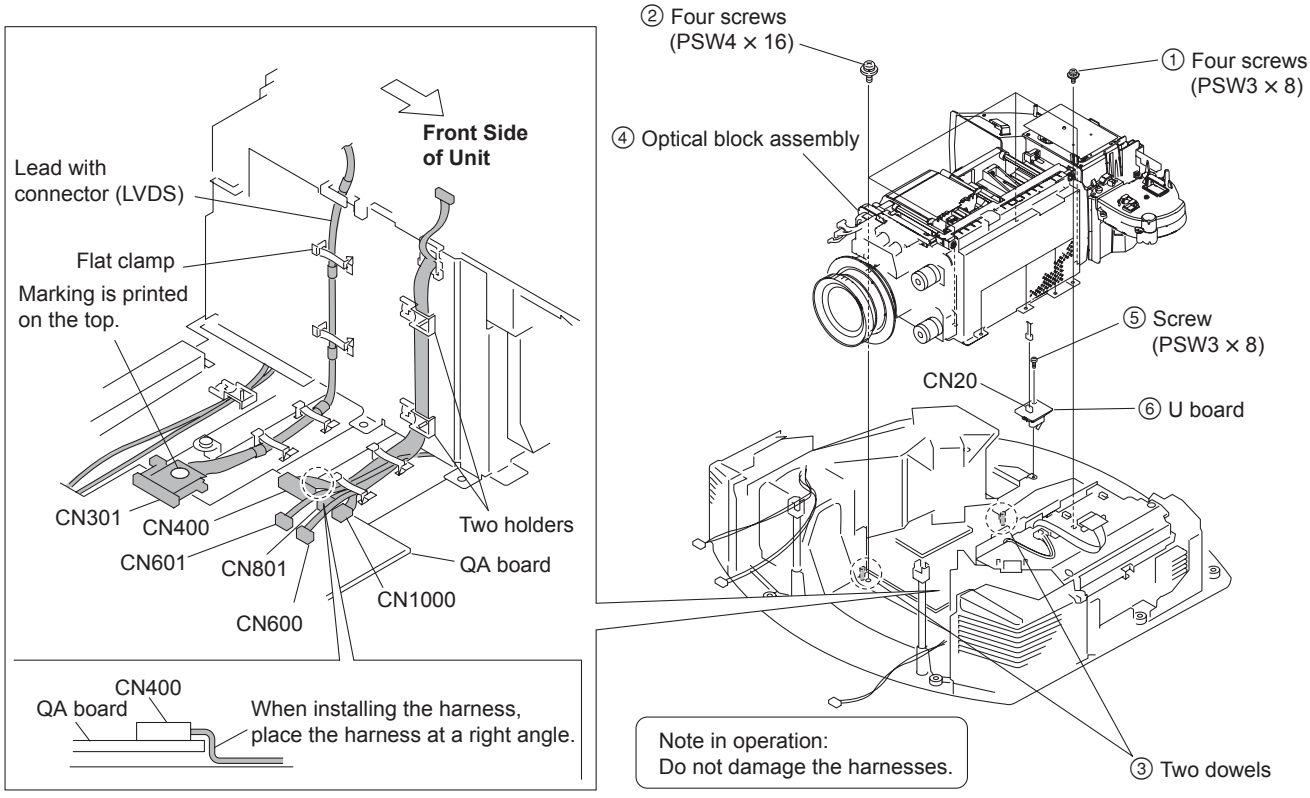
1-3-4. Front Panel Block and EM Board



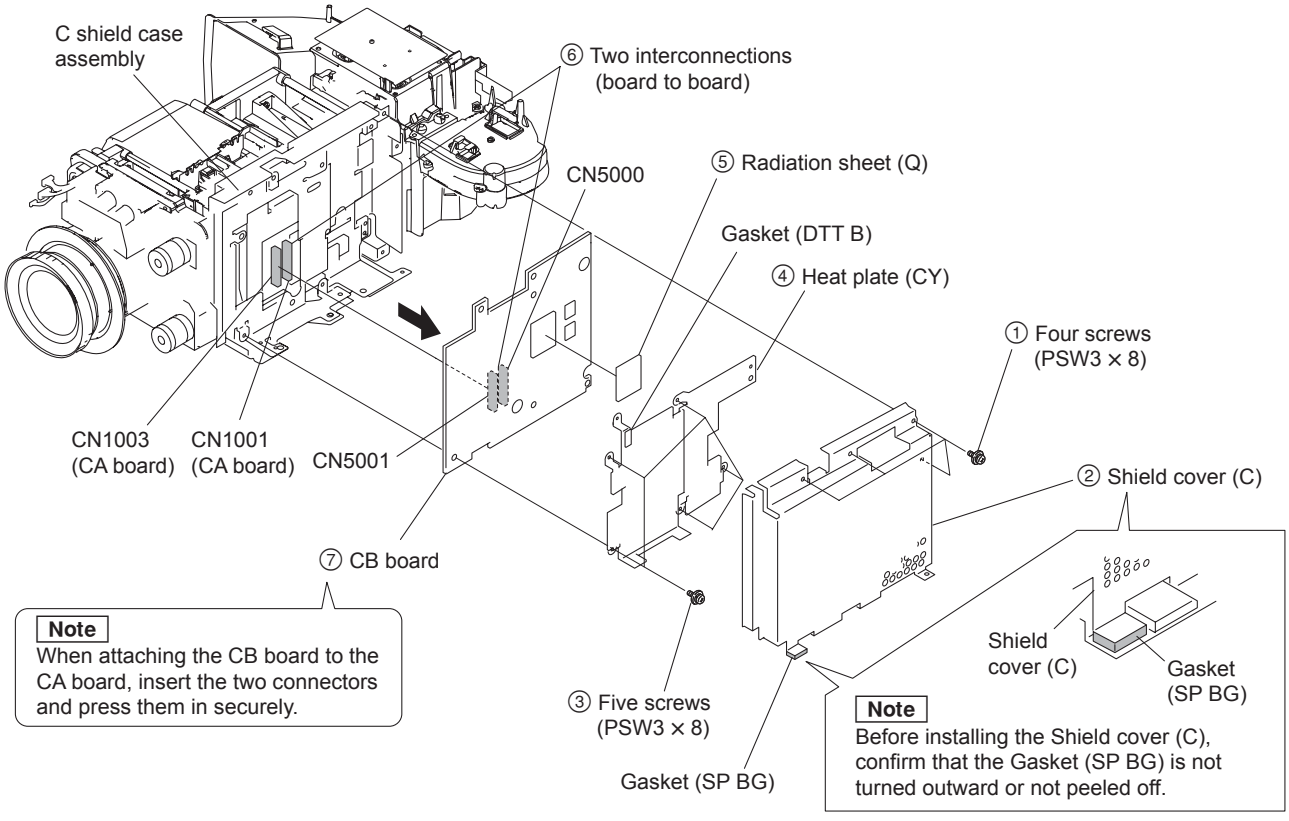
1-3-5. Optical Block Assembly-1


③ Loosen screw.
Ⓐ
④ Remove the fuse connector assembly in the direction of the arrow Ⓐ.
Rear Side of Unit
CN70
TL board
Harness
⑤ Three harnesses
⑥ Two screws (BVWHTP3 × 12)
⑦ Lamp power connector assembly
① Duct sheet (C)
② Two hooks
⑧ Harness
⑮ Remove harnesses from hooks of the fan duct.
⑨ Fan connector
⑭ Three connectors
CN2000 (CB board)
CN1501 (CA board)
⑩ Lead with connector (LVDS)
⑪ Press the two hooks.
Marking is printed on the bottom.
Front Side of Unit
⑬ Remove harnesses from the seven hooks.
Fuse connector assembly
Lead with connector (LVDS)
D.C. fan (Sirocco)
Lamp power connector assembly
Fan connector
Hook
⑫ Remove it while pressing the hook of the connector.

1-3-6. Optical Block Assembly-2 and U Board



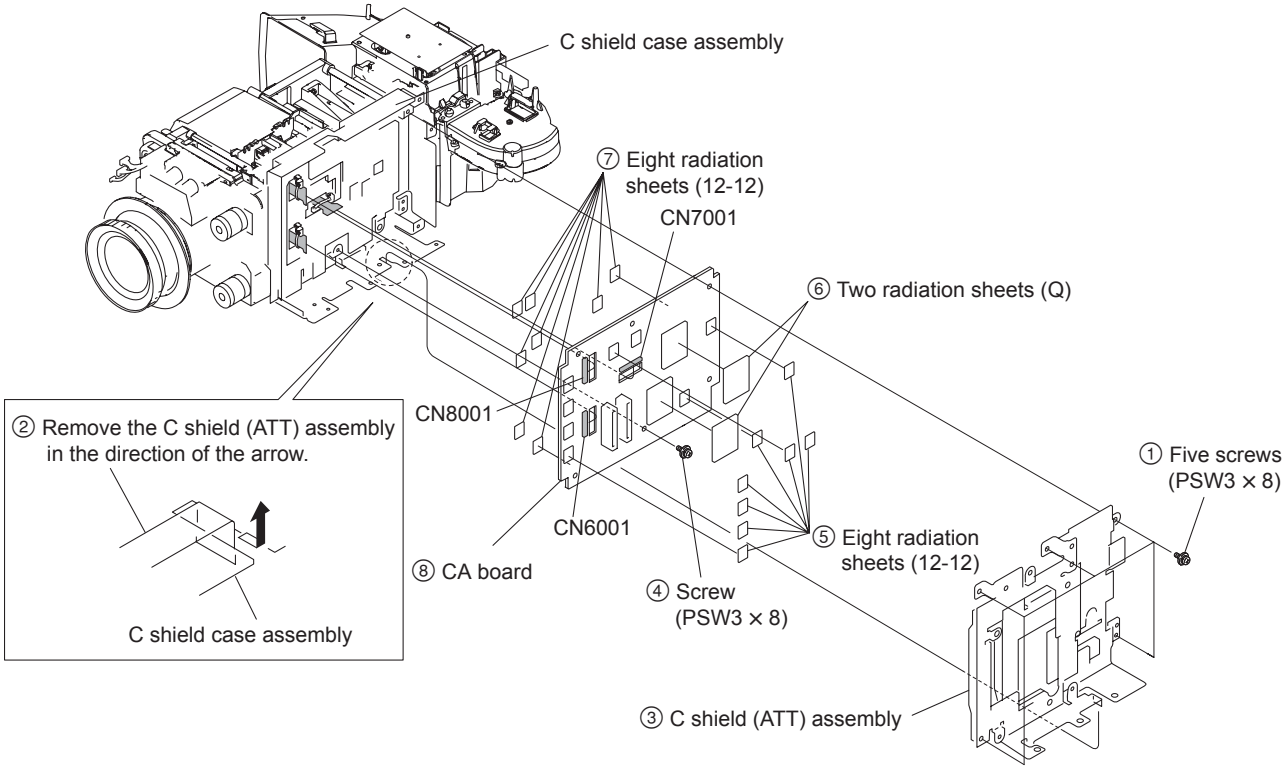
1-3-7. CB Board



1-3-8. CA Board

Note

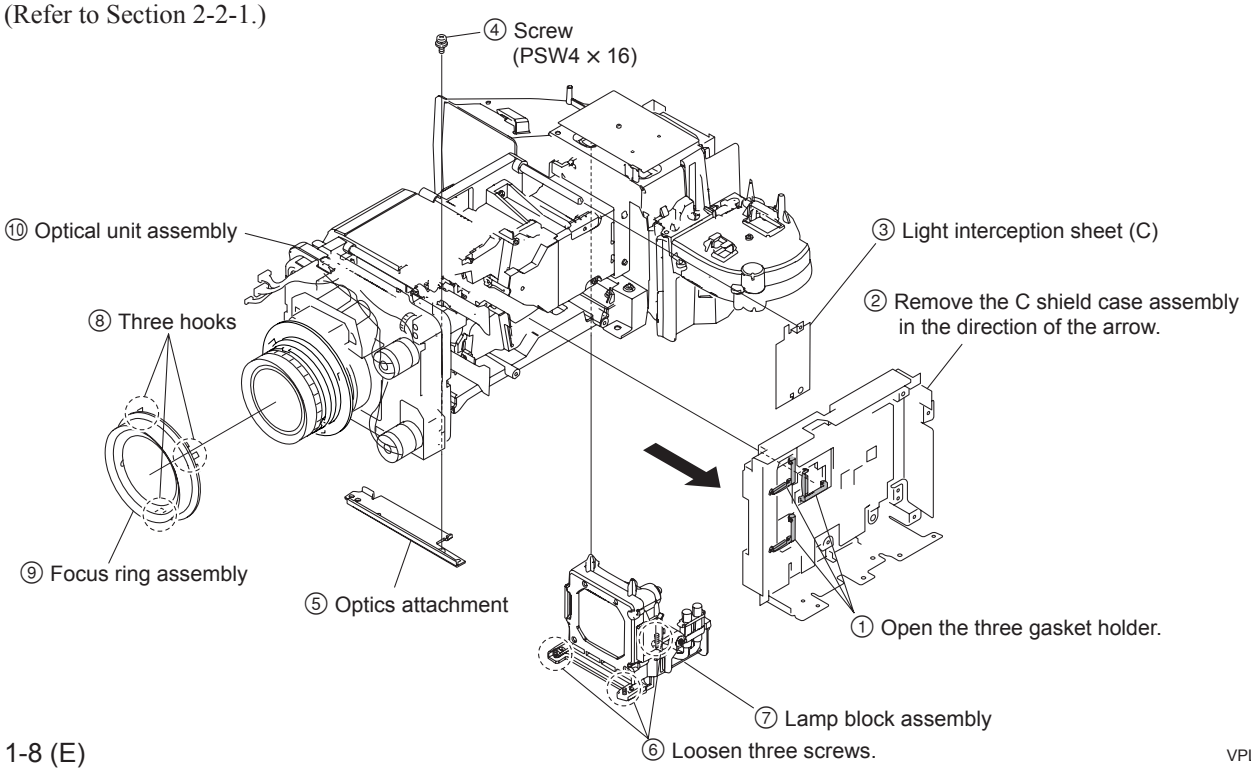
When replacing the CA board, perform the procedure before replacement. (Refer to Section 2-2-2.)


C shield case assembly
⑦ Eight radiation sheets (12-12)
CN7001
⑥ Two radiation sheets (Q)
CN8001
② Remove the C shield (ATT) assembly in the direction of the arrow.
C shield case assembly
① Five screws (PSW3 × 8)
CN6001
⑤ Eight radiation sheets (12-12)
⑧ CA board
④ Screw (PSW3 × 8)
③ C shield (ATT) assembly

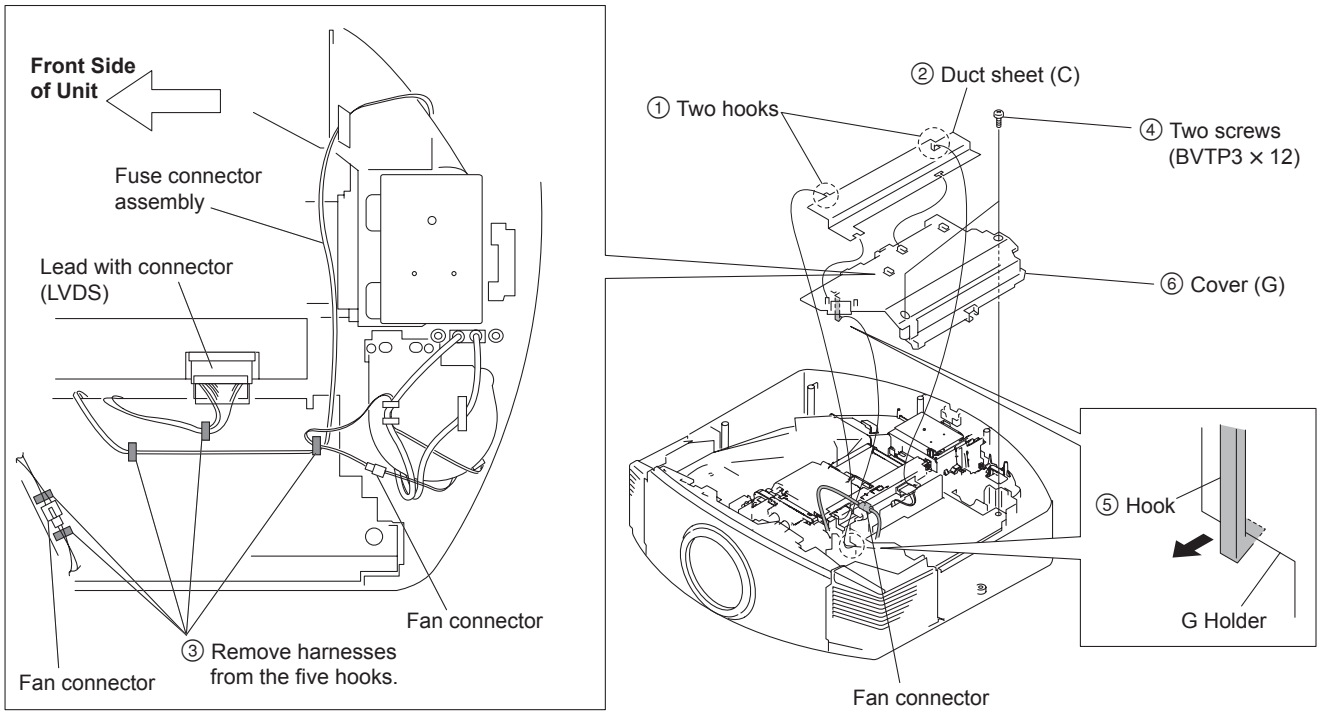
1-3-9. Optical Unit Assembly

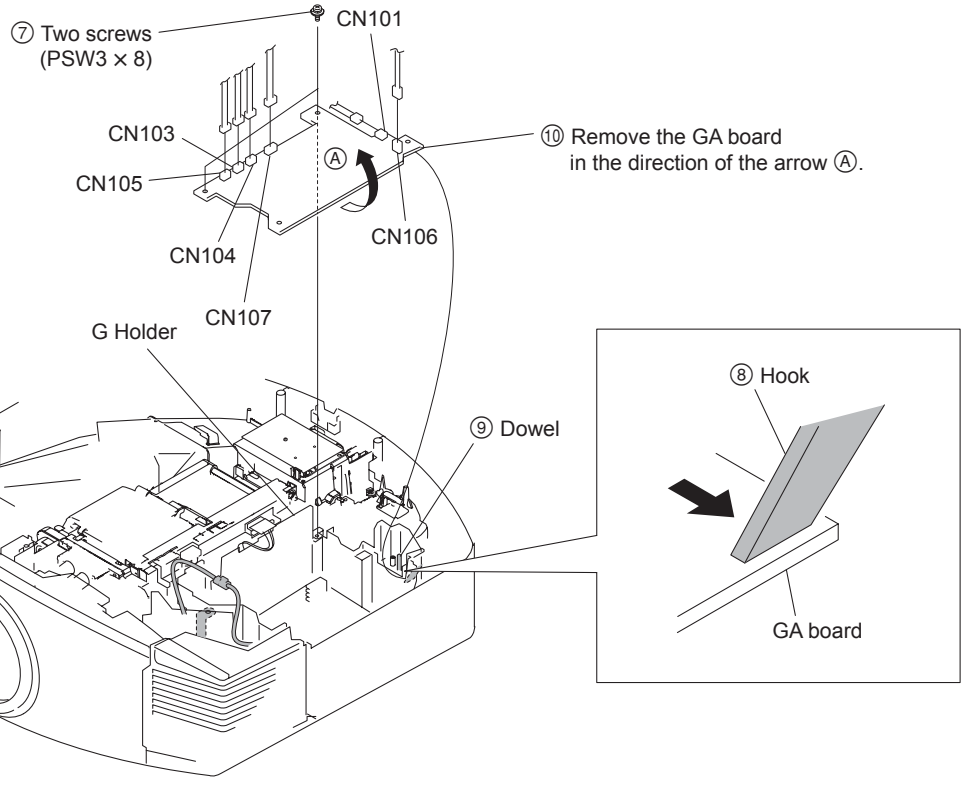
Note

When the optical unit assembly is replaced, perform the procedure after replacement.
(Refer to Section 2-2-1.)

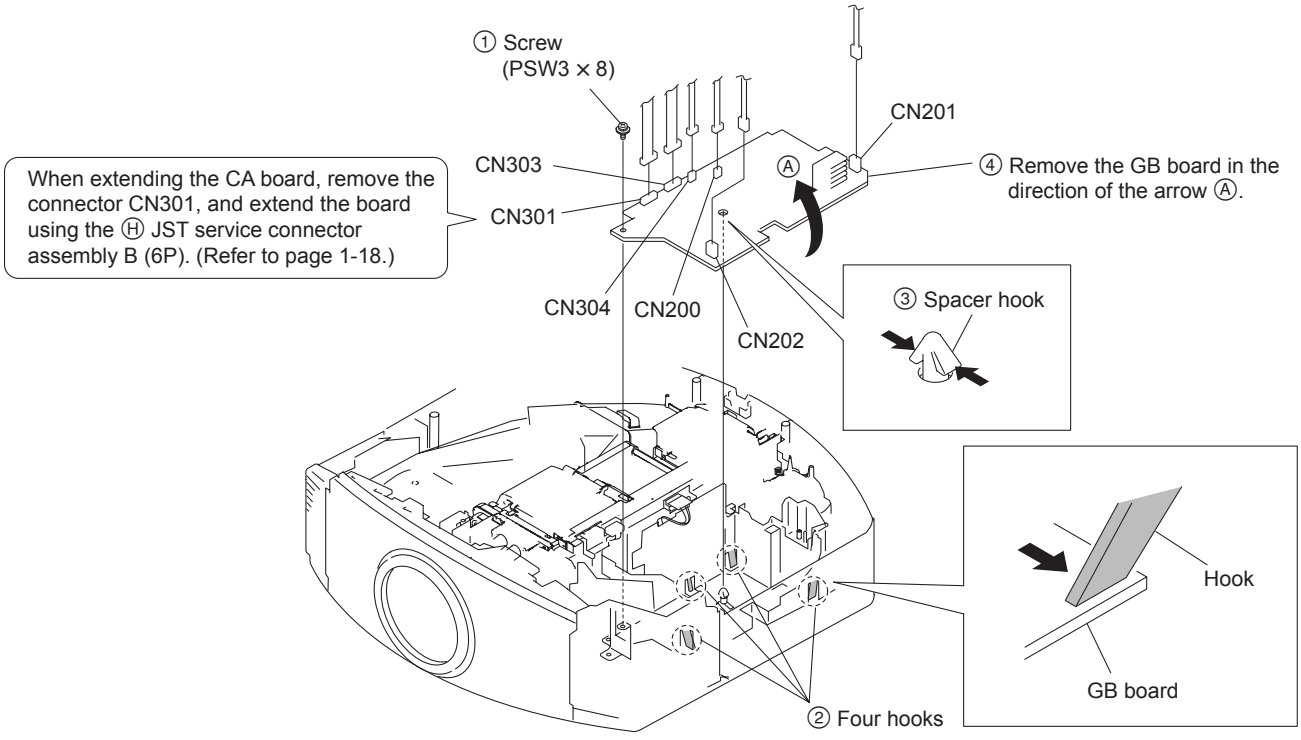

④ Screw (PSW4 × 16)
⑩ Optical unit assembly
③ Light interception sheet (C)
⑧ Three hooks
② Remove the C shield case assembly in the direction of the arrow.
⑨ Focus ring assembly
⑤ Optics attachment
① Open the three gasket holder.
⑦ Lamp block assembly
⑥ Loosen three screws.

1-3-10. GA Board

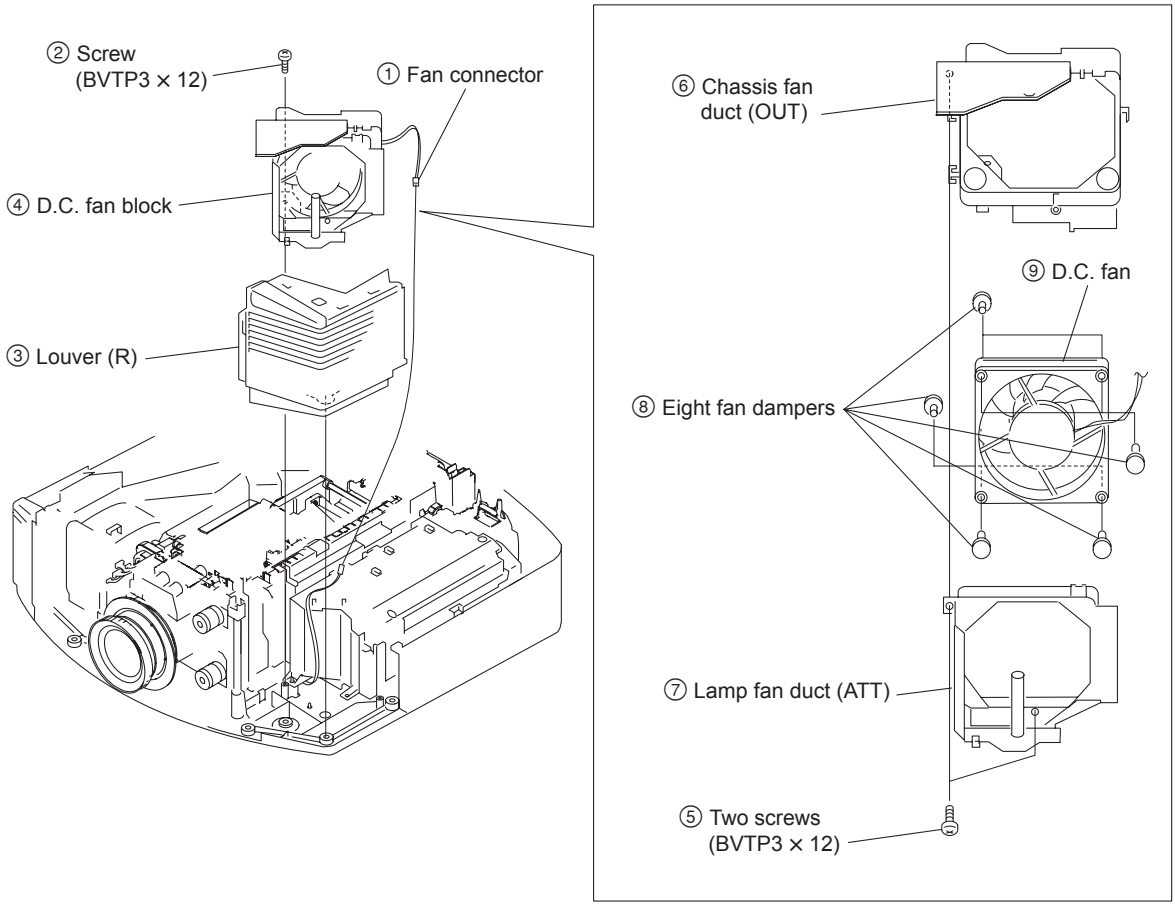




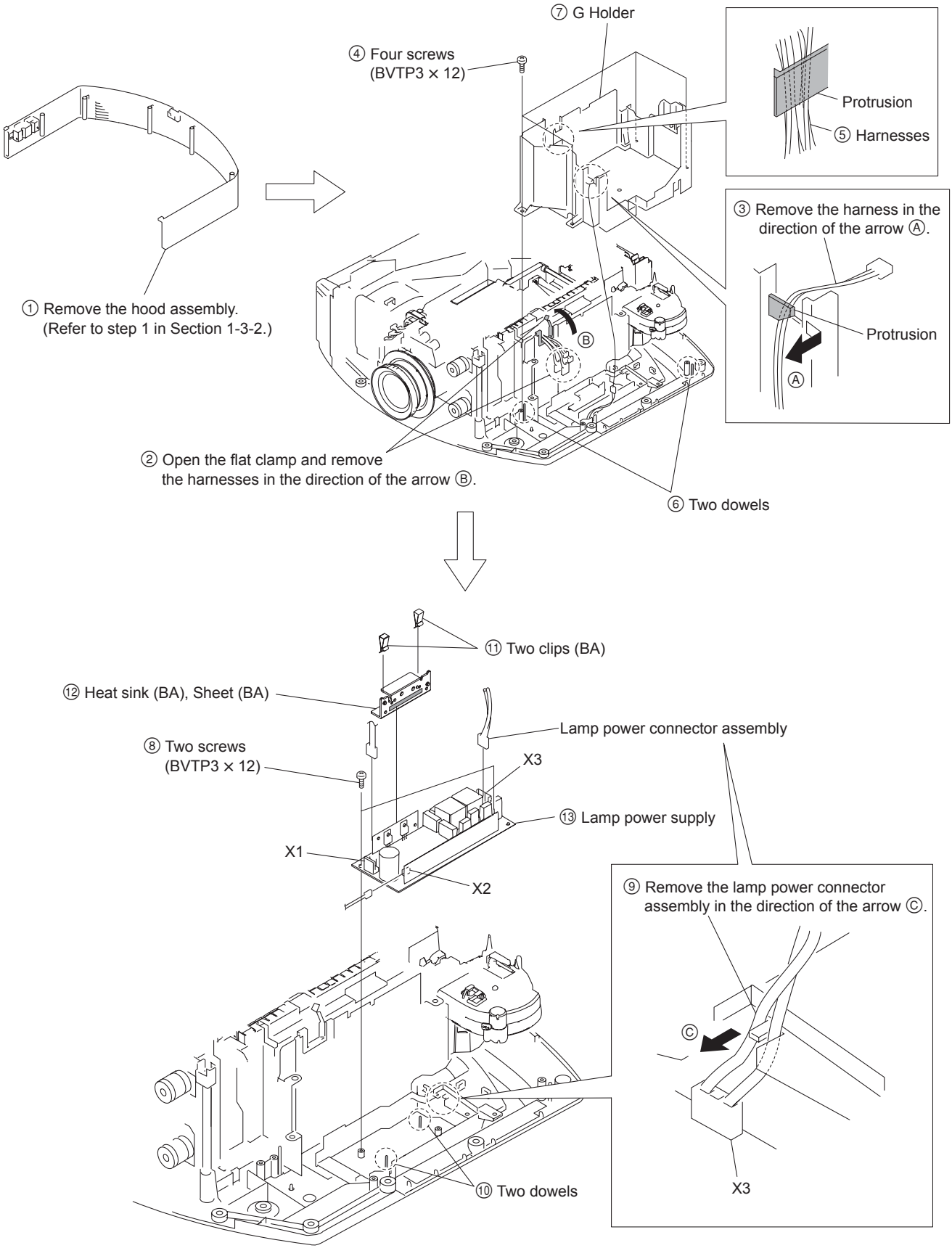
1-3-11. GB Board



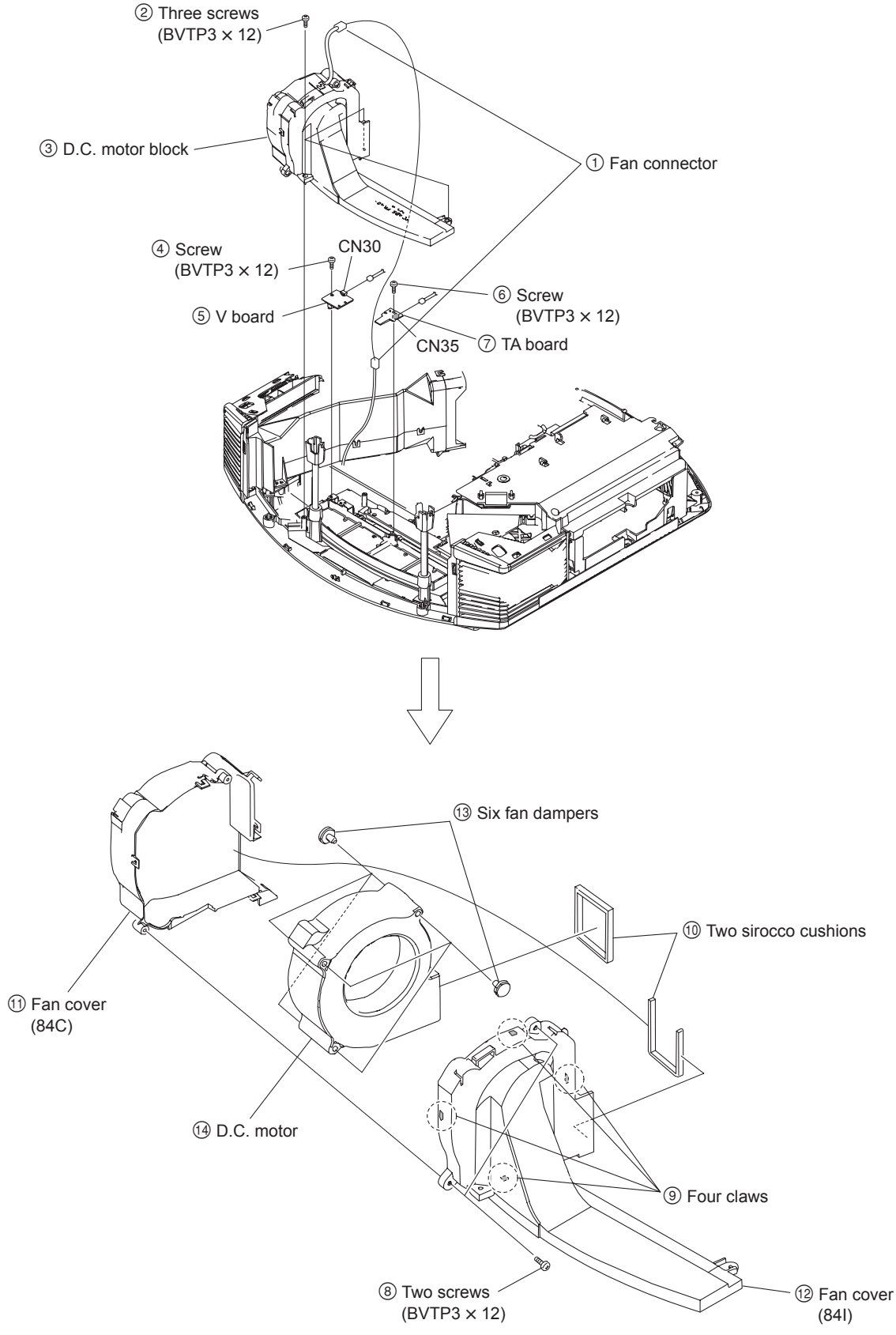
1-3-12. D.C. Fan



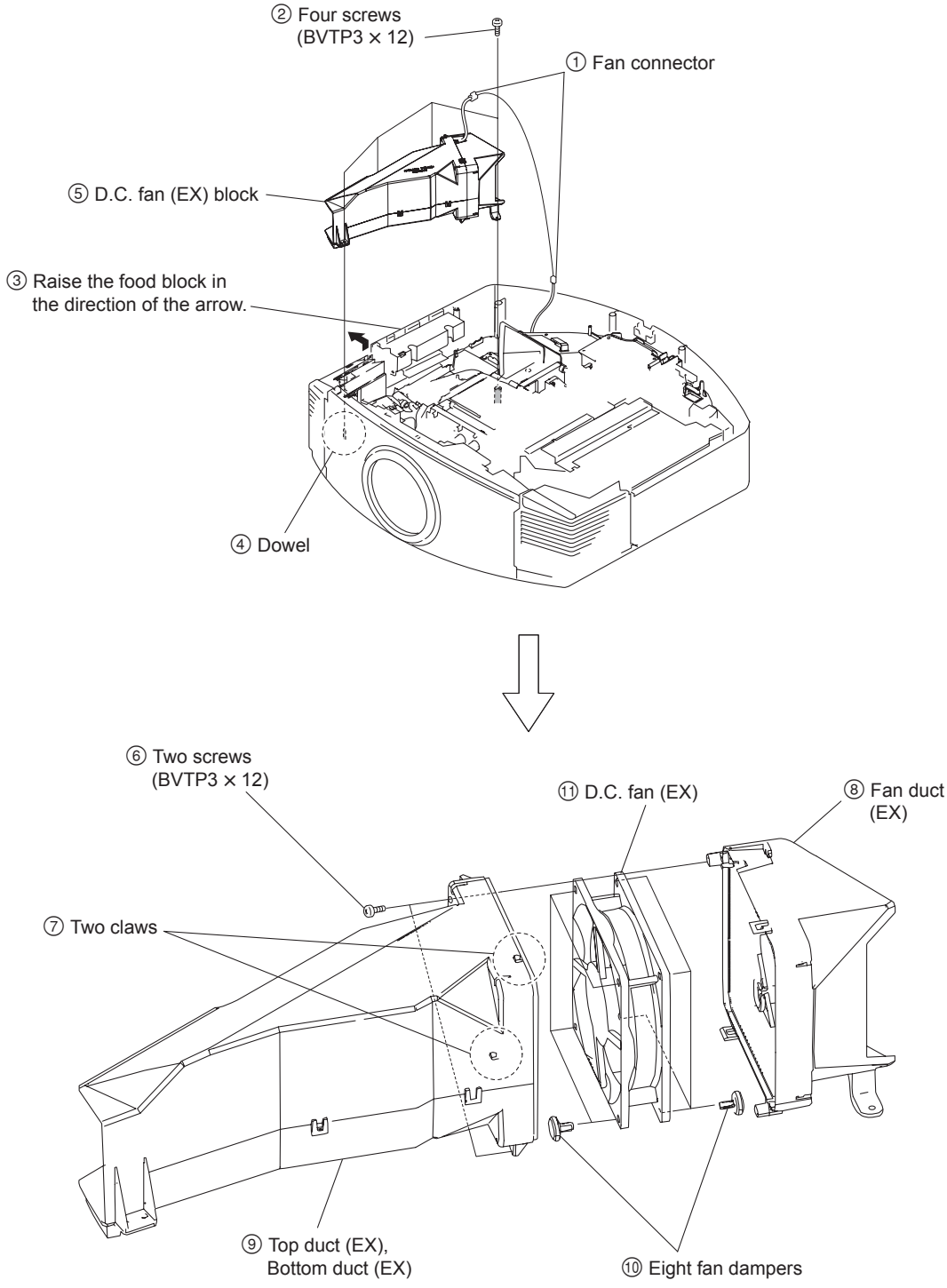
1-3-13. Lamp Power Supply


⑦ G Holder
④ Four screws
(BVTP3 × 12)
Protrusion
⑤ Harnesses
③ Remove the harness in the direction of the arrow Ⓐ.
Protrusion
Ⓐ
① Remove the hood assembly.
(Refer to step 1 in Section 1-3-2.)
Ⓑ
② Open the flat clamp and remove the harnesses in the direction of the arrow Ⓑ.
⑥ Two dowels
⑪ Two clips (BA)
⑫ Heat sink (BA), Sheet (BA)
Lamp power connector assembly
⑧ Two screws
(BVTP3 × 12)
X3
⑬ Lamp power supply
X1
X2
⑨ Remove the lamp power connector assembly in the direction of the arrow Ⓒ.
Ⓒ
X3
⑩ Two dowels

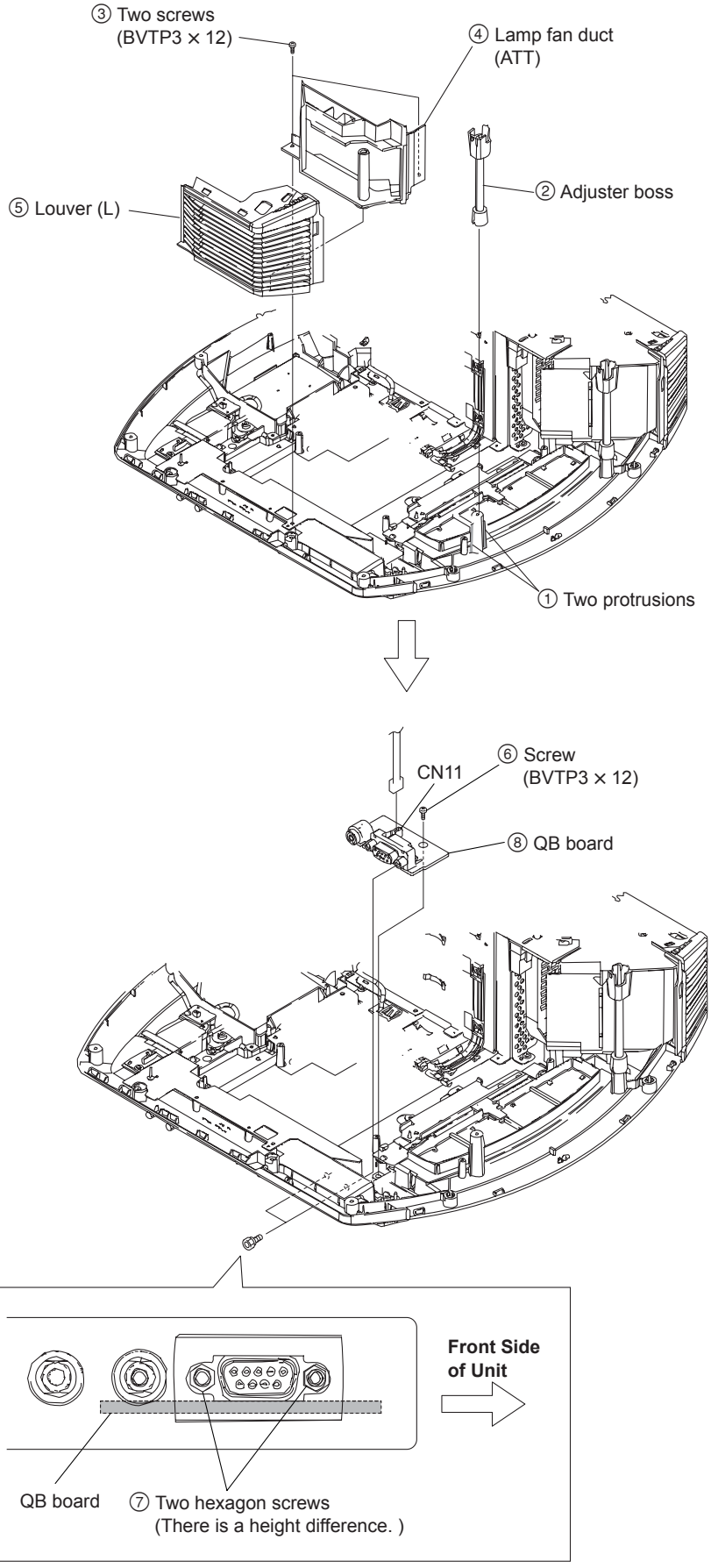
1-3-14. V Board, TA Board and D.C. Motor



1-3-15. D.C. Fan (EX)



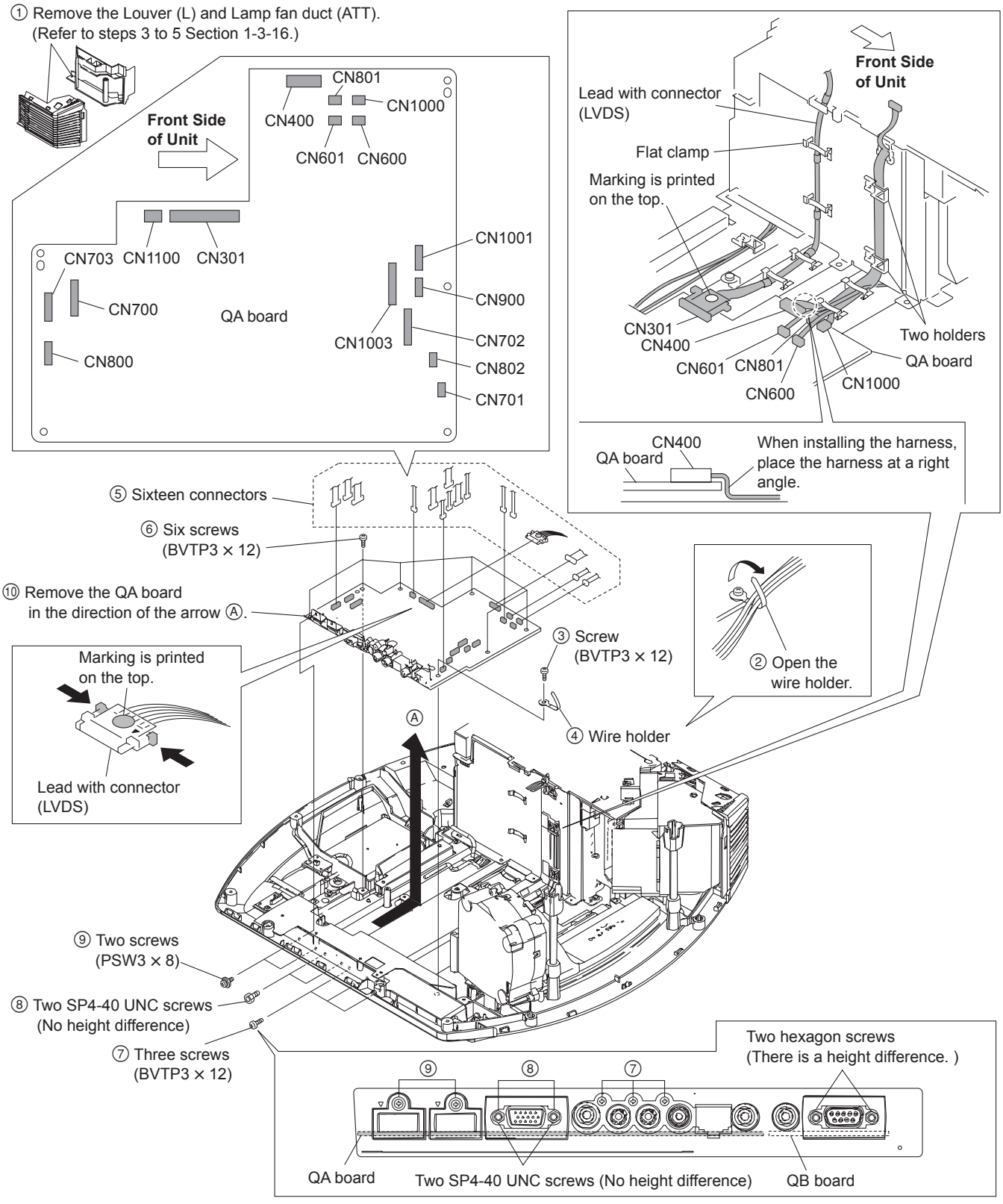
1-3-16. QB Board



1-3-17. QA Board

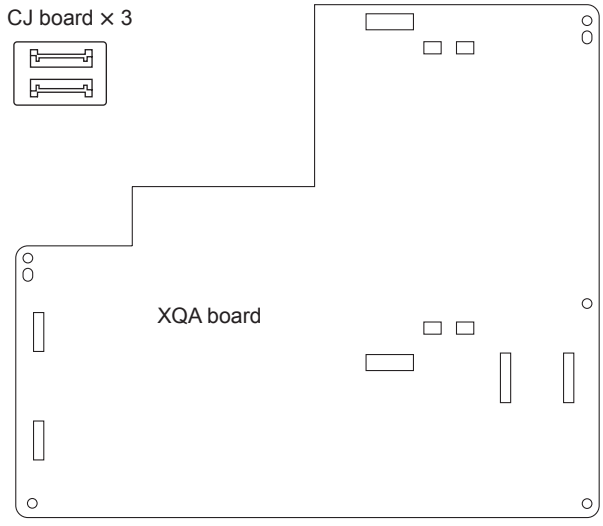
Note

When replacing the QA board, perform the procedure before and after replacement.
(Refer to Section 2-2-2.)

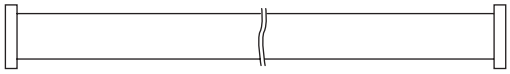


1-3-18. Extension Boards and Extension Cables

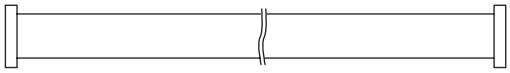
X kit assembly (Part No. A-1602-191-A)



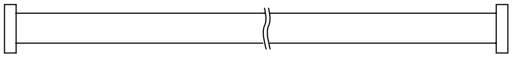
Ⓐ MOLEX service connector assembly (13P)



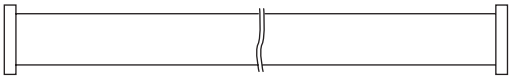
Ⓑ MOLEX service connector assembly (15P)



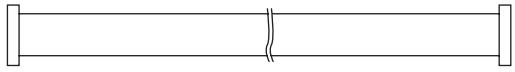
Ⓒ JST service connector assembly (8P)



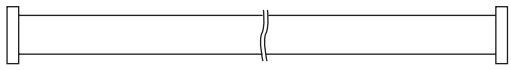
Ⓓ MOLEX service connector assembly (4P)



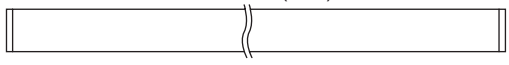
Ⓔ MOLEX service connector assembly (5P) × 2



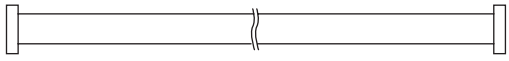
Ⓕ MOLEX service connector assembly (14P)



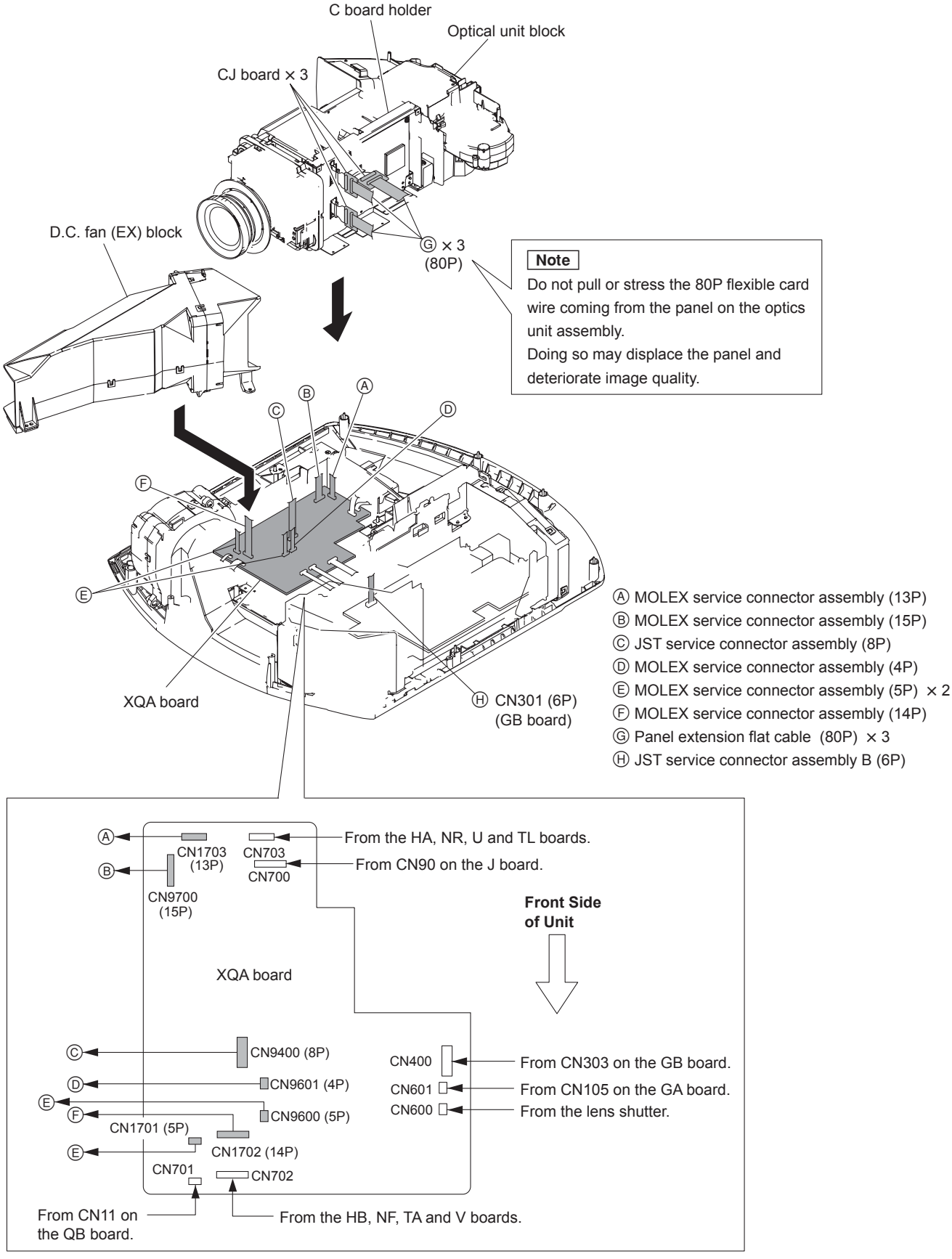
Ⓖ Panel extension flat cable (80P) × 3



Ⓗ JST service connector assembly B (6P)

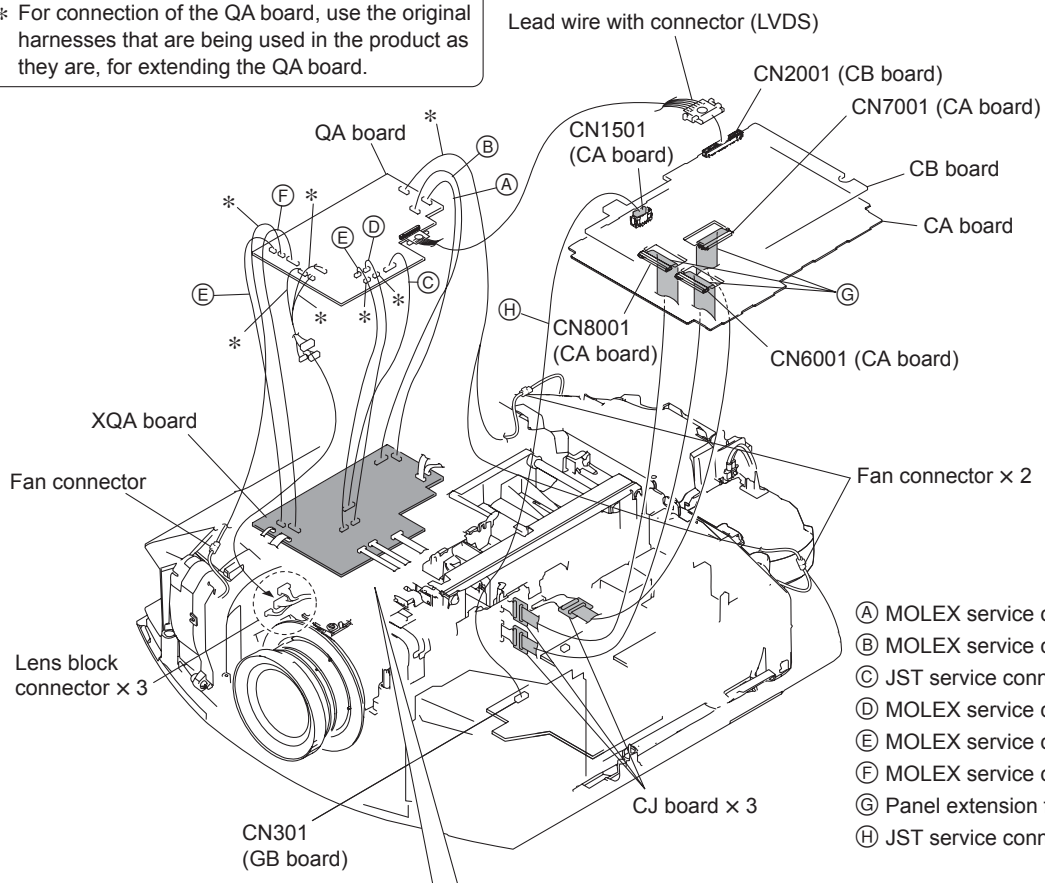


1-3-19. Connection

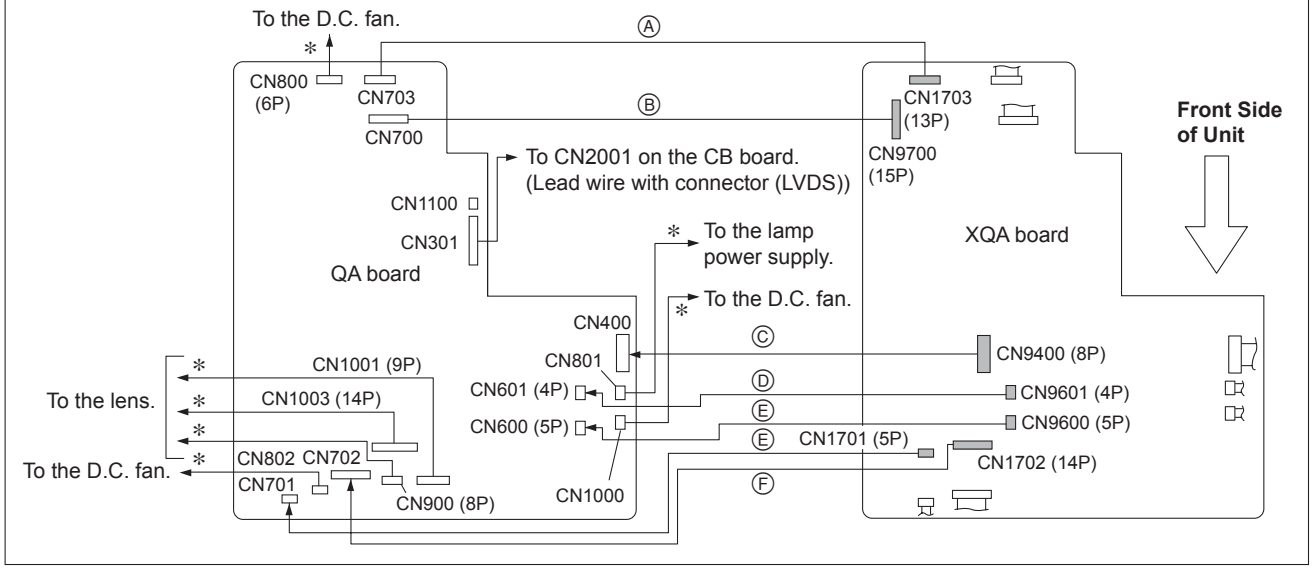


Note

∗ For connection of the QA board, use the original harnesses that are being used in the product as they are, for extending the QA board.



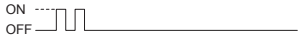
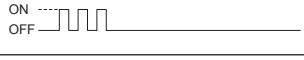
Connections of QA board and XQA board



1-4. Indicator

The error status of the this units are indicated by the type of flashing of indicator. The top cover has the ON/STANDBY indicator and the LAMP/COVER indicator. Various error contents are indicated by the type of flashing of indicator. For details of the types of indicator flashing and the error statuses, refer to the list shown below.

ON/STANDBY Indicator (Red flashing)

Error Name		Flash Frequency	Status
Temperature Error		2 Times	The temperature inside of the unit is too high.
AC Error		3 Times	AC voltage is not correct.
Fan Error		4 Times	Each fan does not work normally.
Lens Protector Error		5 Times	The lens protector is not open correctly.
Power Error		6 Times	The power is not turned on correctly.
System Error 1		10 Times	The sub CPU can not obtain the data from the EEPROM when the sub CPU works.
System Error 2		11 Times	The main CPU can not obtain the data from the EEPROM when the main CPU works.
System Error 3		12 Times	The main CPU does not work normally.

LAMP/COVER Indicator (Red flashing)

Error Name		Flash Frequency	Status
Cover Error		2 Times	The lamp cover or filter holder is opened.
			Connector of the temperature sensor board (TA board and TL board) is disconnected.
Lamp Error		3 Times	The lamp is not lighting.

1-5. Circuit Description

QA Board
The overall input connectors, SCAN CONV. and sub CPU are mounted.
The built-in CPU of SCAN CONV. controls the whole system.
And the QA board also controls the iris, fan and electric lens.
SCAN CONV. performs the signal-processing function such as HDMI receiving, Video decoding, A/D conversion, pixel number conversion, sharpness, contrast, brightness, color, hue, gamma correction, I/P conversion, NR, and 3D processing.

QB Board
RS-232C connector and trigger connector are mounted.

CA Board
The Gamma IC and panel driver circuit are mounted.
The signal processed in the QA board and CB board is converted to the proper signal for panel in this board.
The CA board performs the conversion of the input signal to the voltage for driving the panel, CSC conversion, white balance correction, UF correction, and generation the timing for driving the panel.

CB Board
HFR and 3D processing circuits are mounted.

GA Board
This board functions as AC filter and power supply when the standby mode is set to “Low”.

GB Board
Main power supply block

J Board
Production jig connector

V Board
This board performs the detecting whether the filter holder is existed or not.

TA Board
This board measures the internal temperature.

TL Board
This board measures the lamp temperature.

U Board
This board detects whether the lamp cover for light source is existed or not.

BALLAST
Ballast provides the power supply for lamp.

NF Board
Infrared receive block from remote control (front).

NR Board
Infrared receive block from remote control (rear).

HA Board
The control panel is mounted.

HB Board
The caution LED is mounted.

EM Board
Infrared emission block for 3D glasses.

1-6. Connecting/Disconnecting the Flexible Card Wire

Note

The flat cables, flexible card wires and boards are used to connect between the following boards. Life of flexible card wire will be significantly shortened if it is folded. Be very careful not to fold the flat cables, flexible card wires and boards.
Because the direction of the flat cables, flexible card wires and boards are different depending on the shape of the connector, be careful when connecting the flat cables, flexible card wires and boards.

Disconnecting

1. Turn off the power.
2. Lift up the portion A in the direction of the arrow to unlock and pull out the flexible card wire.

Connecting

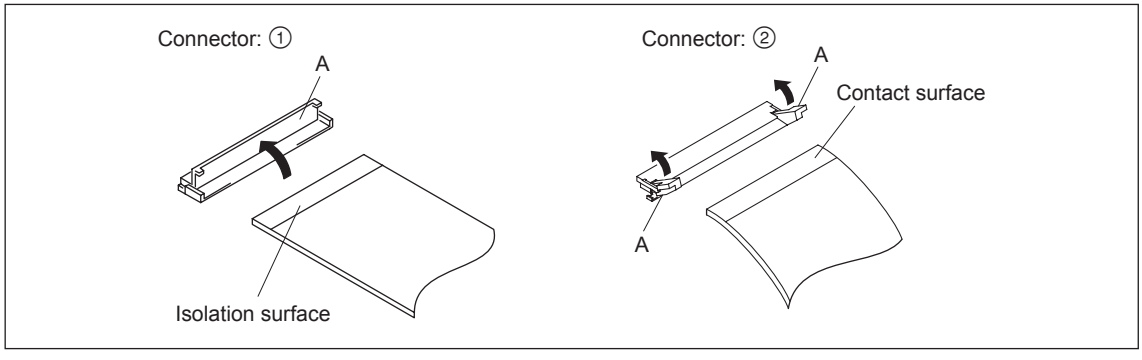
Notes

- Do not insert the coaxial cable with connector sideways.
- Check that there is no stain or dust on the contact surface of the coaxial cable with connector.

1. Lift up the portion A in the direction of the arrow and securely insert the flexible card wire into the deep end of the connector.
2. Return the portion A to its original position and lock the connector.

Note

When connecting the flexible card wire, check the connector shape, and great care should be taken for the direction of the contact surface or isolation surface.



1-7. Lead-free Solder

Boards requiring use of lead-free solder are printed with a lead free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Notes

- Be sure to use the lead-free solder for the printed circuit board printed with the lead free mark.
- The lead-free solder melts at a temperature about 40 ˚C higher than the ordinary solder, therefore, it is recommended to use the soldering iron having a temperature regulator.
- The ordinary soldering iron can be used but the iron tip has to be applied to the solder joint for a slightly longer time. The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful.

Section 2
Electrical Adjustments

2-1. Preparations

2-1-1. Required Equipment

- Oscilloscope
  Tektronix 2465 or equivalent (bandwidth: 350 MHz or more)
- NTSC, PAL, SECAM component signal generator
  Tektronix TG2000 +AVG1 (optional module) +AWVG1 (optional module) or equivalent
- VG (Programmable video signal generator)
  VG849C or equivalent
- Digital voltmeter
  Advantest TR6845 or equivalent
- Luminance meter
- Chrominance difference gauge

Note

Perform the following adjustments at least 15 minutes after turning on the power.

2-1-2. Service Mode Setting

1. Set the “Status” to “On” in the “Setup” menu.
2. Close the menu by pressing “MENU” if its displayed.
3. Press the buttons in the following order in 5 seconds: “⊕”→“⊕”→“⬅”→“⊕”
4. The message “Do you wish to enter into the SERVICE MODE? Yes No” will be displayed.
5. Select “Yes”.

Notes

- When leaving the SERVICE MODE, perform step 3.
  “Do you wish to return to the USER MODE? Yes No” will be displayed. Select “Yes”.
- Before entering or exiting the SERVICE MODE, be sure to select any input terminals other than HDMI1 and HDMI2. Alternately, select the menus in the following order: MENU/Function/Control for HDMI Setting/Control for HDMI, and change the setup from ON to OFF.
- Note that when the items (W/B, Device Adjust) that can be adjusted in the Service mode are adjusted and stored in memory, they are saved in NVM and the factory default data will be lost.
  Be sure to perform “Save to memory” after entering and exiting the Gamma adjustment mode. If the values are changed in the Gamma adjustment mode and you want to reset to the original value, turn off the power of the unit and turn it on again. The UF data does not change even if the mode for Advanced Iris in Cinema Black Pro in Picture Adjust is changed without performing “Save to memory”. When “Save to memory” is performed at that time, the UF data of each Iris mode will be overwritten and lost.

2-1-3. Model Name Display (Shop Demonstration) Mode Setting

1. If the menu is being displayed, press the MENU button to close the menu.
2. Press the buttons within 5 seconds in the following order:
   "⊕"→"↑"→"↓"→"⊕"
   Even if the message "Not applicable!" is displayed, ignore it. If the key operations failed, wait for at least 6 seconds since the last key is pressed, and perform the key operations again.
3. "Which mode do you wish to display? Model Name Display/Motionflow/Off" is displayed.
4. Select "Model Name Display".

Notes

- To exit the Model Name Display mode, perform step 2. "Which mode do you wish to display? Model Name Display/Motionflow/Off" is displayed. Select "Off".
- Before entering or exiting the SERVICE MODE, be sure to select any input terminals other than HDMI1 and HDMI2. Alternately, select the menus in the following order: MENU/Function/Control for HDMI Setting/Control for HDMI, and change the setup from ON to OFF.

2-1-4. Motionflow (Shop Demonstration) Mode Setting

1. If the menu is being displayed, press the MENU button to close the menu.
2. Press the buttons within 5 seconds in the following order:
   "⊕"→"↑"→"↓"→"⊕"
   Even if the message "Not applicable!" is displayed, ignore it. If the key operations failed, wait for at least 6 seconds since the last key is pressed, and perform the key operations again.
3. "Which mode do you wish to display? Model Name Display/Motionflow/Off" is displayed.
4. Select "Motionflow".

Notes

- To exit the Motionflow mode, perform step 2. "Which mode do you wish to display? Model Name Display/Motionflow/Off" is displayed. Select "Off".
- Before entering or exiting the SERVICE MODE, be sure to select any input terminals other than HDMI1 and HDMI2. Alternately, select the menus in the following order: MENU/Function/Control for HDMI Setting/Control for HDMI, and change the setup from ON to OFF.
- When inputting the 3D signal or 3D-displaying, this mode is not corresponded. Switch the input signal or display to 2D.

2-2. Service Know-How

2-2-1. When the Optical Unit Assembly is Replaced

1. Write the LookUpTable/3DGamma/ABGamma/LCK/OGMTable/CSMatrixTable data contained in the attached CD-R. (Refer to Section 2-6-4.)
2. Change the IRIS data to the values of the IRIS adjustment data stored in the supplied CD-R. (Refer to Section 2-2-3.)
3. Change the Panel Driver Gain B data to the values of the adjustment data stored in the supplied CD-R. (Refer to Section 2-2-4.)
4. Change the Lens shift data to the values of the Lens shift data stored in the supplied CD-R. (Refer to Section 2-2-5.)
5. Change the Panel alignment data to the values of the Panel alignment data stored in the supplied CD-R. (Refer to Section 2-2-6.)

2-2-2. When the Board is Replaced

1. When the QA board is replaced
   Remove IC602 from the old QA board and install IC602 by reusing the removed IC602. (When replacing IC602, remove the heatsink and then install it again after replacing IC602.) If reuse of IC602 is not possible, follow the procedure described below.
   a) Change the IRIS data to the values of the IRIS adjustment data before replacement. (Refer to Section 2-2-3.)
      In case if the data cannot be changed, perform the IRIS adjustment. (Refer to Section 2-4.)
   b) Obtain the former OGMTable data from the original QA board before replacement as follows. (Refer to Section 2-6-5.)
      Write down the obtained OGMTable data as follows. (Refer to Section 2-6-4.)
      In case if the former OGMTable data cannot be obtained from the original QA board before replacement, perform the W/B adjustment. (Refer to Section 2-3.)
   c) Obtain the former CSMatrixTable data from the original QA board before replacement as follows. (Refer to Section 2-6-5.)
      Write down the obtained CSMatrixTable data as follows. (Refer to Section 2-6-4.)
   d) Return the Panel Driver Gain B data value back to its original value before the QA board is replaced. (Refer to Section 2-2-4.)
      In case if the original data cannot be copied, perform the Panel Driver Gain B Adjustment. (Refer to Section 2-5.)
   e) Return the Lens shift data value back to its original value before the QA board is replaced. (Refer to Section 2-2-5.)
   f) Return the Panel alignment data value back to its original value before the QA board is replaced. (Refer to Section 2-2-6.)
2. When the CA board is replaced
   Remove IC2501 and IC4002 from the old CA board and install them to the new CA board that is supplied as the repair part, before replacement.
3. When the CB, GA, GB, EM, HA, HB, NF, NR, QB, TA, TL, J, U, or V board is replaced
   No particular adjustments are needed.

2-2-3. IRIS Copy

1. Enter the Service Mode. (Refer to Section 2-1-2.)
2. Set OTHER: 01 Iris/Adj in the Device Menu to 1.
3. Change the value of OTHER: 02 Iris/Open Reg.
4. Change the value of OTHER: 03 Iris/Close Reg.
5. Return OTHER: 01 Iris/Adj in the Device Menu to 0.
6. Perform Save to Memory.

2-2-4. Panel Driver Gain B Copy

1. Enter the Service Mode. (Refer to Section 2-1-2.)
2. Change the value of Panel Driver: 03 P. Drv/Gain B in Device Menu.
3. Perform Save to Memory.

2-2-5. Lens Shift Data Copy

1. Enter the Service Mode. (Refer to Section 2-1-2.)
2. Change the value of OTHER: 13 Lens Shift/H Center in Device Menu.
3. Change the value of OTHER: 14 Lens Shift/V Center in Device Menu.
4. Change the value of OTHER: 15 Lens Shift/V Top Limit in Device Menu.
5. Change the value of OTHER: 16 Lens Shift/V Bottom Limit in Device Menu.
6. Change the value of OTHER: 17 Lens Shift/Right Limit in Device Menu.
7. Change the value of OTHER: 18 Lens Shift/Left Limit in Device Menu.
8. Perform Save to Memory.

2-2-6. Panel Alignment Data Copy

1. Enter the Service Mode. (Refer to Section 2-1-2.)
2. Change the value of Display Engine: 06 R REG H in Device Menu.
3. Change the value of Display Engine: 07 R REG V in Device Menu.
4. Change the value of Display Engine: 08 B REG H in Device Menu.
5. Change the value of Display Engine: 09 B REG V in Device Menu.
6. Perform Save to Memory.

2-3. White Balance Adjustment

Preparation

Set Picture Mode to “Cinema 3” and make the following settings.

Contrast:	90
Brightness:	50
Color:	50
Hue:	50
Sharpness:	10
NR:	OFF
MPEG NR:	OFF
Gamma Correction:	OFF
Advanced Iris:	OFF
Lamp Control:	High
Color Space:	Normal

Set each GAIN and each BIAS for RGB to 128.
Bring the ZOOM position of the lens to the center.

Adjustment

High

1. Set Color Temp to “High”.
2. Input 1080/60i 20 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust BIAS of white balance for R and B until the chromaticity (x20, y20) satisfies the specification.
   (x20, y20) = (0.284 ±0.002, 0.298 ±0.002)
3. Input 1080/60i 80 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust GAIN of white balance for B and G until the chromaticity (x80, y80) satisfies the specification.
   (x80, y80) = (0.284 ±0.002, 0.298 ±0.002)
4. Repeat the adjustments at 80 IRE and 20 IRE until the specification is satisfied.
5. Save the adjusted values.

Middle

1. Set Color Temp to “Middle”.
2. Input 1080/60i 20 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust BIAS of white balance for R and B until the chromaticity (x20, y20) satisfies the specification.
   (x20, y20) = (0.294 ±0.002, 0.310 ±0.002)
3. Input 1080/60i 80 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust GAIN of white balance for B and G until the chromaticity (x80, y80) satisfies the specification.
   (x80, y80) = (0.294 ±0.002, 0.310 ±0.002)
4. Repeat the adjustments at 80 IRE and 20 IRE until the specification is satisfied.
5. Save the adjusted values.

Low 1

1. Set Color Temp to “Low 1”.
2. Input 1080/60i 20 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust BIAS of white balance for R and B until the chromaticity (x20, y20) satisfies the specification.
   (x20, y20) = (0.313 ±0.002, 0.329 ±0.002)
3. Input 1080/60i 80 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust GAIN of white balance for B and G until the chromaticity (x80, y80) satisfies the specification.
   (x80, y80) = (0.313 ±0.002, 0.329 ±0.002)
4. Repeat the adjustments at 80 IRE and 20 IRE until the specification is satisfied.
5. Save the adjusted values.

Low 2

1. Set Color Temp to “Low 2”.
2. Input 1080/60i 20 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust BIAS of white balance for R and B until the chromaticity (x20, y20) satisfies the specification.
   (x20, y20) = (0.322 ±0.002, 0.338 ±0.002)
3. Input 1080/60i 80 IRE flat field (RGB 3 color) into the HDMI1 terminal and adjust GAIN of white balance for B and G until the chromaticity (x80, y80) satisfies the specification.
   (x80, y80) = (0.322 ±0.002, 0.338 ±0.002)
4. Repeat the adjustments at 80 IRE and 20 IRE until the specification is satisfied.
5. Save the adjusted values.

CUSTOM

1. Set GAIN and BIAS for CUSTOM 1 to 5 to the following values.
   - CUSTOM 1: Copy the GAIN and BIAS values for High.
   - CUSTOM 2: Copy the GAIN and BIAS values for Middle.
   - CUSTOM 3: Copy the GAIN and BIAS values for Low 1.
   - CUSTOM 4: Copy the GAIN and BIAS values for Low 2.
   - CUSTOM 5: Set the GAIN and BIAS values for R/G/B to 128.
2. Save the set values.

Iris: Auto1/Manual Adjustment

1. Switch the Iris mode to “Auto1. Manual”. Copy all of the white balance adjustment values (High, Middle, Low 1, Low 2, and all of the Gain Bias values of CUSTOM1 through CUSTOM5) at Iris OFF, to the corresponding Iris mode values respectively.
2. Save the set value.

2-4. IRIS Adjustment

1. Bring the ZOOM position of the lens to the center.
2. Input the XGA 60Hz all white 100 IRE signal in INPUT-A.
3. Set “Other: 01 Iris/Adj” of Device Menu to 1.
4. Set the value of “Other: 02 Iris/Open Reg” to 1023, and check the value of “Other: 04 Iris/Open Hall”.
5. While decreasing the value of “Other: 02 Iris/Open Reg”, check the value of “Other: 04 Iris/Open Hall”.
6. When the value of “Other: 04 Iris/Open Hall” reaches the value of [step 4 value −25], check the value of “Other: 02 Iris/Open Reg”.
7. Save the value of “Other: 02 Iris/Open Reg” of step 6 in a memory.
8. Measure the luminance level at this time. [OFF Luminance]
9. Set the value of “Other: 03 Iris/Close Reg” equal to that of “Other: 02 Iris/Open Reg” of step 6.
10. While decreasing the value of “Other: 03 Iris/Close Reg”, check the luminance level. Check the value of “Other: 03 Iris/Close Reg” when the luminance level reaches 25% of [OFF Luminance].
11. Save the values of “Other: 03 Iris/Close Reg” of step 10 in a memory.
12. Return the value of “Other: 01 Iris/Adj” to 0, and perform Save to Memory.

2-5. Panel Driver Gain B Adjustment

Preparation

Make the following settings.
Contrast: Max
Brightness: 50
Color: 50
Hue: 50
Color Space: Wide3

Adjustment

1. Input the XGA 60Hz Blue Only 100 IRE signal in the INPUT-A terminal.
2. Set the Panel Driver: 03 P. Drv/Gain B value to “85”.
3. While measuring luminance at the center of the screen, decrease the 03 P. Drv/Gain B value. Take note of the 03 P. Drv/Gain B value when luminance reaches maximum.
4. Save the 03 P. Drv/Gain B value of step 3 in a memory.
5. Perform Save to Memory.

2-6. Software Upgrade Method

2-6-1. Preparation

Required Equipment/Tools

- Personal computer (PC): RS-232C interface equipped
- RS-232C cross cable
- Main Flash Upgrader for Sony Projector (for SUB CPU)
- Pixelworks ImageProcessor SDK FlashUpgrader (for scan converter)
- 3DGamma QuickAccess (for LookUpTable/3DGamma/ABGamma/LCK/OGMTable/CSMatrixTable)
  File configuration:
  Executable: QuickAccess.exe
  Readme File: readme_j.txt (Japanese)
  readme_e.txt (English)

Note

For obtaining the each application for upgrading and upgrade file, contact your local Sony Sales Office/ Service Center.

Preparation

1. Set Standby Mode to “Standard” on the Setup menu.
   Note
   If the Standby Mode is not set to “Standard”, the software cannot be upgraded normally.

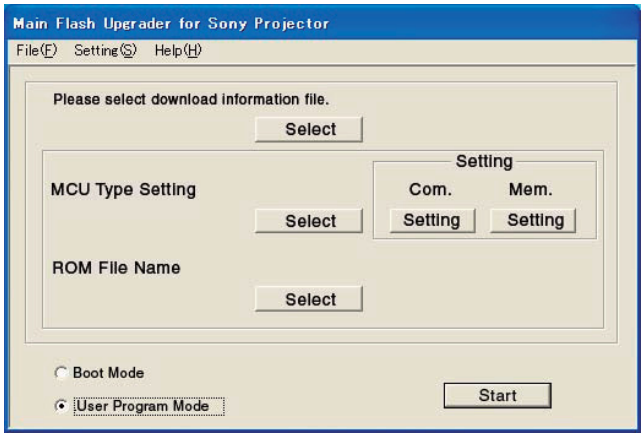
2. Disconnect the AC plug of this unit.
3. Connect PC to the REMOTE terminal on the connector panel of this unit using the RS-232C cross cable.

2-6-2. SUB CPU Upgrade

1. Double-click Flash.exe to start the application.
   Application name: Main Flash Upgrader for Sony Projector
   Execution file name: Flash.exe
   Version: 1.05 or later

   Note

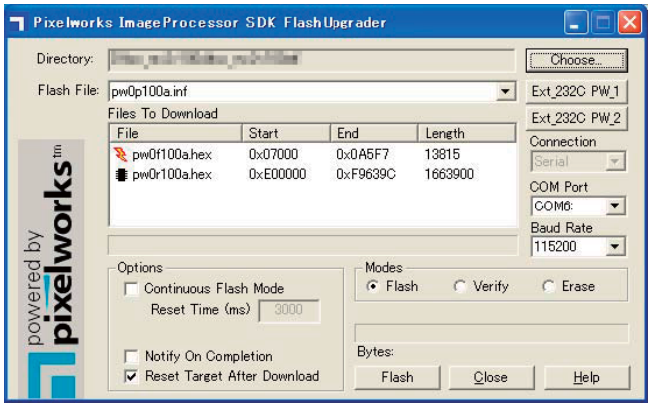
   When starting the application first, the following errors may appear. But, continue the procedure.
   "No. 300: No information file was found."
   "No. 711: No download file was found."



2. Click the Select button for select download information file.
   The file open window appears.
3. Select the download information file.
   File to be selected: qhbv****.dli
   (**** means version number. Example: qhbv100a.dli)
4. Click the Setting button of the "Com.".
5. Set the following items.
   Bit rate: 38,400 bit/s
   Serial port: Serial port number used for connecting PC
   Time out: Arbitrary
   (Communication retrial time. default: 5 sec.)
6. Select "User Program Mode".
7. Click the Start button.
   The start window appears.
8. Click the OK button.
   The "Please AC Plug In" window appears.
9. Connect the AC plug of this unit.
10. Check the Standby Mode is set to "Standard". (Refer to Section 2-6-1 "Preparation".)
11. Click the OK button.
    The writing starts and the write window appear.
12. The end window appears. (Upgrade completed)

2-6-3. Scan Converter Upgrade

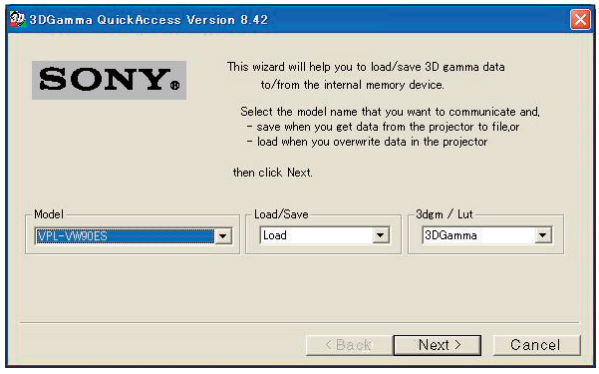
1. Connect the AC plug and set this unit to standby state.
2. Check the Standby Mode is set to “Standard”. (Refer to Section 2-6-1 “Preparation”.)
3. Double-click FlashUpgraderForSony35.exe to start the application.
   Application name: Pixelworks ImageProcessor SDK FlashUpgrader
   Execution file name: FlashUpgraderForSony35.exe
   Version: 3.5 or later



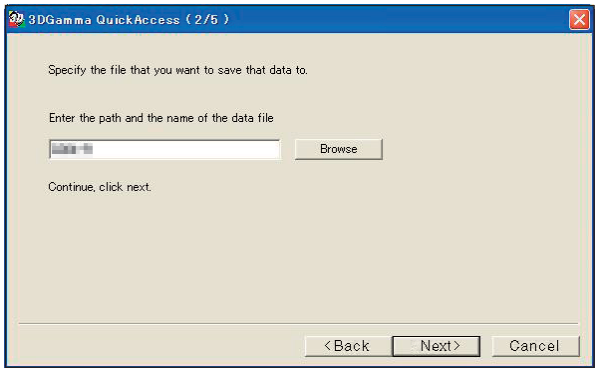
4. Select the COM Port box to serial port number used for connecting PC.
5. Select the Baud Rate box to “115200”.
6. Click the Choose... button.
   The file selection window appears.
7. Select the upgrade file.
   File to be selected: pw0p****.inf
   (**** means version number. Example: pw0p100a.inf)
8. Check that the two hex files appear on the Files To Download field.
9. Click the Ext_232C PW_1 button.
10. Click the Flash button.
    The upgrading starts and the status bar appears. And the Flash button changes to the Cancel button.
11. After completed, check that the Cancel button changes to the Flash button.
12. Disconnect the AC plug.

2-6-4. Writing of LookUpTable/3DGamma/ABGamma/LCK/OGMTable/CSMatrixTable

1. Connect the AC plug and set this unit to standby state.
2. Comfirm the Standby Mode is set to “Standard”. (Refer to Section 2-6-1.)
3. When writing LookUpTable, 3DGamma, ABGamma, or LCK data, press the [ON/STANDBY] button to light the lamp.
4. Double-click QuickAccess.exe to start the application.
   Application name: 3DGamma QuickAccess
   Execution file name: QuickAccess.exe
   Version: 8.42 or later


3DGamma QuickAccess Version 8.42
SONY
This wizard will help you to load/save 3D gamma data to/from the internal memory device.
Select the model name that you want to communicate and,
- save when you get data from the projector to file,or
- load when you overwrite data in the projector
then click Next.
Model
VPL-VW90ES
Load/Save
Load
3dgm / Lut
3DGamma
< Back
Next >
Cancel

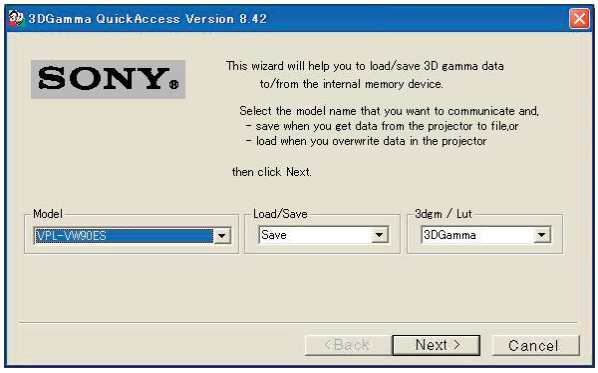
5. Select “VPL-VW90ES” on the Model pull-down menu.
6. Select Load on the Load/Save pull-down menu.
7. Select the data type (3DGamma/ABGamma/LookUpTable/LCK/OGMTable/CSMatrixTable) on the 3dgm/Lut pull-down menu.
8. Click the [Next] button.
9. Click the [Browse...] button and select the data file to be written.


3DGamma QuickAccess (2/5)
Specify the file that you want to save that data to.
Enter the path and the name of the data file
Browse
Continue, click next.
< Back
Next >
Cancel

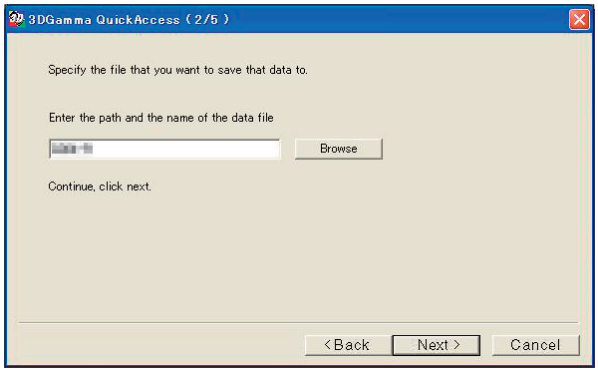
10. Click the [Next] button.
11. Select the serial port used for connecting PC on the Serial Port pull-down menu.
    Upper box: Serial port number used for connecting PC
    Lower box: 38400
12. Click the [Next] button.
13. Click the [OK] button to decide input content.
    The writing is executed.
    When completed, the massage “Completed.” appears.
14. Turn off the power and disconnect and connect the AC plug, to restart this unit.
15. Click the [Complete] button.

2-6-5. Obtaining of LookUpTable/3DGamma/ABGamma/LCK/OGMTable/CSMatrixTable from the Board

1. Connect the AC plug and set this unit to standby state.
2. Comfirm the Standby Mode is set to “Standard”. (Refer to Section 2-6-1.)
3. When obtaining LookUpTable, 3DGamma, ABGamma, or LCK, press the [ON/STANDBY] button to light the lamp.
4. Double-click QuickAccess.exe to start the application.
   Application name: 3DGamma QuickAccess
   Execution file name: QuickAccess.exe
   Version: 8.42 or later


3DGamma QuickAccess Version 8.42
SONY
This wizard will help you to load/save 3D gamma data to/from the internal memory device.
Select the model name that you want to communicate and,
- save when you get data from the projector to file,or
- load when you overwrite data in the projector
then click Next.
Model
VPL-VW90ES
Load/Save
Save
3dgm / Lut
3DGamma
< Back
Next >
Cancel

5. Select “VPL-VW90ES” on the Model pull-down menu.
6. Select Save on the Load/Save pull-down menu.
7. Select the data type (3DGamma/ABGamma/LookUpTable/LCK/OGMTable/CSMatrixTable) on the 3dgm/Lut pull-down menu.
8. Click the [Next] button.
9. Select an arbitrary file name.


3DGamma QuickAccess (2/5)
Specify the file that you want to save that data to.
Enter the path and the name of the data file
Browse
Continue, click next.
< Back
Next >
Cancel

10. Click the [Next] button.
11. Select the serial port used for connecting PC on the Serial Port pull-down menu.
    Upper box: Serial port number used for connecting PC
    Lower box: 38400
12. Click the [Next] button.
13. Click the [OK] button to decide input content.
    The saving is executed.
    When completed, the massage “Completed.” appears.
14. Turn off the power of this unit.
15. Click the [Complete] button.

2-7. Memory

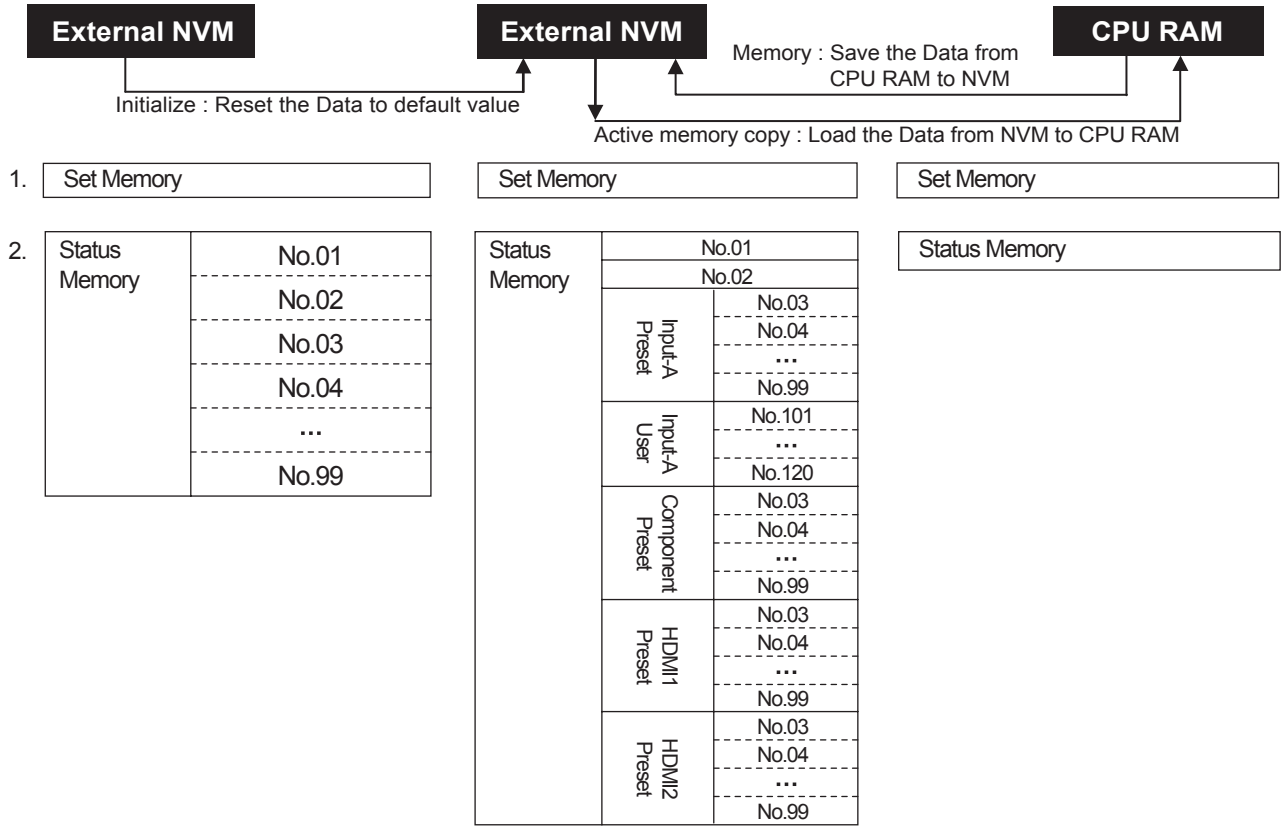
Memory structure consists of the following memory blocks.

1. Set Memory
2. Status Memory
3. Video Chroma Memory
4. W/B Memory
5. Channel Memory
6. Installation Memory
7. Picture Memory
8. RCP Memory
9. FAN Memory
10. UF Memory
11. LUT Memory
12. Sub Micro Memory
13. Panel Alignment Memory
14. Gamma Memory

When the power is turned to on to the projector, required data for the current picture, such as status memory data, etc., are selected from the respective memory blocks, and are written into the internal RAM. When adjustment is carried out, adjustment data are written into the NVM automatically (items on the user mode) or by the trigger of memory operation (items on the service mode), then stored them. Be careful that the factory preset (adjusted) data of the user adjustable items are all eliminated from the memory when user performs adjustment of the adjustable items (W/B and Device Adjust) and the memory operation to memorize the user adjustment data into the NVM.

∗ When the power to the projector is turned off without memorizing the adjustment data, the original factory preset (adjusted) data can be restored by removing the power cord once and connect it back again.

External NVM (EEPROM) : 256 kbit



3.

Video Chroma Memory [Video]	Noinput
	NTSC3.58
	NTSC4.43
	PAL
	PALM
	PALN
	SECAM
	BW60
	BW50
	PAL60

Video Chroma Memory

4.

W/B Memory	Iris:Off	High
		Middle
		Low1
		Low2
		Custom1
		Custom2
		Custom3
		Custom4
		Custom5
	Iris:On/Manual	High
		Middle
		Low1
		Low2
		Custom1
		Custom2
		Custom3
		Custom4
		Custom5
	Iris:Auto/Auto1/ Auto2	High
		Middle
		Low1
		Low2
		Custom1
		Custom2
		Custom3
		Custom4
		Custom5

W/B Memory	High
	Middle
	Low 1
	Low 2
	Custom 1
	Custom 2
	Custom 3
	Custom 4
	Custom 5

5.

Channel Memory	Video
	Input-A
	Component
	HDMI 1
	HDMI 2

Channel Memory	Video
	Input-A
	Component
	HDMI 1
	HDMI 2

Channel Memory

6.

Installation Memory	ImageFlip : off/H
	ImageFlip : HV/V

Installation Memory

7.

Picture Memory
Dynamic
Standard
Cinema1
Cinema2
Cinema3
User

Picture Memory		
	Video	Dynamic
		Standard
		Cinema1
		Cinema2
		Cinema3
		User
	Input-A	Dynamic
		Standard
		Cinema1
		Cinema2
		Cinema3
		User
	Component	Dynamic
		Standard
		Cinema1
		Cinema2
		Cinema3
		User
	HDMI 1	Dynamic
		Standard
		Cinema1
		Cinema2
		Cinema3
		User
	HDMI 2	Dynamic
		Standard
		Cinema1
		Cinema2
		Cinema3
		User

Picture Memory

8.

RCP Memory
User1
User2
User3

RCP Memory
User1
User2
User3

RCP Memory

9.

FAN Memory

FAN Memory

10.

UF Memory	
	IRIS Open
	IRIS Close

UF Memory	
	IRIS Open
	IRIS Close

11.

LUT Memory

LUT Memory

No Memory

No Memory

12.

Sub Micro Memory

Sub Micro Memory

Sub Micro Memory

13.

Panel Alignment Memory

Panel Alignment Memory

Panel Alignment Memory

14.

Gamma Memory
–3
–2
–1
0
1
2
3

Gamma Memory

Gamma Memory

2-8. Adjustment Item Initialize Data

MenuTitle	ItemName	MemoryName									
		Set Memory	Sub Micro Memory	No Memory	Status Memory	Picture Memory All Channels					
						Dynamic	Standard	Cinema1	Cinema2	Cinema3	User
Picture	Picture Mode				CINEMA 1						
	Reset										
	CinemaBlackPro										
	Advanced Iris					AUTO 1	AUTO 1	AUTO 1	OFF	OFF	OFF
	Sensitivity(Auto1)					RECOMMEND	RECOMMEND	RECOMMEND	RECOMMEND	RECOMMEND	RECOMMEND
	Sensitivity(Auto2)					RECOMMEND	RECOMMEND	RECOMMEND	RECOMMEND	RECOMMEND	RECOMMEND
	Manual					50	50	50	50	50	50
	Lamp Control					High	High	High	High	High	High
	Motionflow										
	Film Projection					OFF	OFF	OFF	OFF	OFF	OFF
	Motion Enhancer					LOW	LOW	OFF	OFF	OFF	OFF
	Contrast					90	90	90	90	90	90
	Brightness					50	50	50	50	50	50
	Color					60	55	50	50	50	50
	Hue					50	50	50	50	50	50
	Color Temp.					HIGH	MIDDLE	LOW1	LOW2	LOW1	LOW1
	Custom1										
	Gain R	0									
	G	0									
	B	0									
	Bias R	0									
	G	0									
	B	0									
	Custom2										
	Gain R	0									
	G	0									
	B	0									
	Bias R	0									
	G	0									
	B	0									
	Custom3										
	Gain R	0									
	G	0									
	B	0									
	Bias R	0									
	G	0									
	B	0									
	Custom4										
	Gain R	0									
	G	0									
	B	0									
	Bias R	0									
	G	0									
	B	0									
	Custom5										
	Gain R	0									
	G	0									
	B	0									
	Bias R	0									
	G	0									
	B	0									
	Sharpness					30	20	10	10	10	10
	NR					OFF	OFF	OFF	OFF	OFF	OFF
	MPEG NR										
	Block NR					OFF	OFF	OFF	OFF	OFF	OFF
	Mosquito NR					OFF	OFF	OFF	OFF	OFF	OFF
	Film Mode					AUTO2	AUTO1	AUTO1	AUTO1	AUTO1	AUTO1
	Gamma Mode										
	Off										
	Gamma1										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma2										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma3										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma4										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma5										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma6										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma7										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma8										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma9										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma10										
	Black Level Adj.					0	0	0	0	0	0
	White Level Adj.					0	0	0	0	0	0
	Gamma Correction					Gamma8	Gamma7	Gamma9	Gamma6	OFF	OFF
	x.v.Color					OFF	OFF	OFF	OFF	OFF	OFF
	Color Space					WIDE3	WIDE3	WIDE1	WIDE2	NORMAL	WIDE3

MenuTitle	ItemName	MemoryName													Remarks
		Channel Memory					RCP Memory		W/B Memory					Gamma Memory	
		Video	Input-A	Component	HDMI1	HDMI2	Off	User1 to 3	High	Middle	Low1	Low2	Custom1 to 5	-3 to 3	
Picture	Picture Mode														
	Reset														
	CinemaBlackPro														
	Advanced Iris														
	Sensitivity(Auto1)														
	Sensitivity(Auto2)														
	Manual														
	Lamp Control														
	Motionflow														
	Film Projection														
	Motion Enhancer														
	Contrast														
	Brightness														
	Color														
	Hue														
	Color Temp.														
	Custom1														
	Gain R														
	G														
	B														
	Bias R														
	G														
	B														
	Custom2														
	Gain R														
	G														
	B														
	Bias R														
	G														
	B														
	Custom3														
	Gain R														
	G														
	B														
	Bias R														
	G														
	B														
	Custom4														
	Gain R														
	G														
	B														
	Bias R														
	G														
	B														
	Custom5														
	Gain R														
	G														
	B														
	Bias R														
	G														
	B														
	Sharpness														
	NR														
	MPEG NR														
	Block NR														
	Mosquito NR														
	Film Mode														
	Gamma Mode														
	Off														
	Gamma1														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma2														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma3														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma4														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma5														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma6														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma7														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma8														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma9														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma10														
	Black Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	White Level Adj.	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Gamma Correction														
	x.v.Color														
	Color Space														

MenuTitle	ItemName	MemoryName									
		Set Memory	Sub Micro Memory	No Memory	Status Memory	Picture Memory All Channels					
						Dynamic	Standard	Cinema1	Cinema2	Cinema3	User
Advanced Picture	RCP	OFF									
	Color Select			None							
	Position										
	Range										
	Color										
	Hue										
Screen	Wide Mode(SD)	FULL									
	Wide Mode(HD)	FULL									
	Wide Mode(PC)	FULL_1									
	Over Scan				∗1						
	Screen Area	FULL									
	V Center										
	V Size										
	Adjust Signal										
	APA										
	Dot Phase				∗1						
	H Size				∗1						
	Shift				∗1						
Setup	Status	ON									
	Language∗2	ENGLISH									
	Menu Position	BottomLeft									
	Cooling Setting	Standard									
	Standby Mode		Low								
	Power Saving	OFF									
	Input-A Signal Sel.	AUTO									
	Color System	AUTO									
	Lamp Setting										
Function	3D Settings										
	2D-3D Display Sel.	AUTO									
	3D Format	SIMULATED 3D									
	3D Depth Adjust	0									
	Simulated 3D Effect	MIDDLE									
	3D Glasses Bri'ness	MEDIUM									
	Control for HDMI	ON									
	Device Auto Power Off	ON									
	PJ Auto Power On	ON									
	Device List										
	Auto Input Search	OFF									
	Test Pattern										
	Background	BLUE									
Installation	V Keystone	0									
	Image Flip	OFF									
	Lens Control	ON									
	Trigger Select	OFF									
	IR Receiver		Front&Rear								
	Blanking										
	Top	0									
	Bottom	0									
	Left	0									
	Right	0									
	Panel Alignment	OFF									
	Reset			SHIFT							
	Adjust Color			RED							
	Pattern Color	R/G/B									
	Adjust(Shift)										
	H	0									
	V	0									
	Adjust(Zone Position)										
	H			1							
	V			1							
	Adjust(Zone)										
	H	0									
	V	0									
	Network Setting										
	IP Address Setup										
	Subnet Mask										
	Default Gateway										
	Primary DNS										
	Secondary DNS										
	MAC Address										
	Apply										
Information	fH	Display only									
	fV	Display only									
	(Memory No.)	Display only									
	(Resolution)	Display only									
	ROM Version	Display only									
	SC ROM Version	Display only									
	Lamp Timer	Display only									
	Operation Timer	Display only									
	Prev. Lamp Timer	Display only									
W/B Iris: Off/Auto1/ Auto2/ Manual	Gain R										
	G										
	B										
	Bias R										
	G										
	B										

∗1: “Phase, Pitch, Shift H/V, and Over Scan” in the “Adjust Signal” menu have respective initial values for each input signal (PRESET MEMORY No.).
∗2: Not available for Japan destination device.

Note

There are some items that cannot be adjusted depending on the input signal.

MenuTitle	ItemName	MemoryName													Remarks
		Channel Memory					RCP Memory		W/B Memory					Gamma Memory	
		Video	Input-A	Component	HDMI1	HDMI2	Off	User1 to 3	High	Middle	Low1	Low2	Custom1 to 5	-3 to 3	
Advanced Picture	RCP														
	Color Select						0	0							
	Position						60	60							
	Range						0	0							
	Color						0	0							
	Hue														
Screen	Wide Mode(SD)														
	Wide Mode(HD)														
	Wide Mode(PC)														
	Over Scan														
	Screen Area														
	V Center	0	0	0	0	0									
	V Size	0	0	0	0	0									
	Adjust Signal														
	APA														
	Dot Phase														
	H Size														
	Shift														
Setup	Status														
	Language※2														
	Menu Position														
	Cooling Setting														
	Standby Mode														
	Power Saving														
	Input-A Signal Sel.														
	Color System														
	Lamp Setting														
Function	3D Settings														
	2D-3D Display Sel.														
	3D Format														
	3D Depth Adjust														
	Simulated 3D Effect														
	3D Glasses Bri'ness														
	Control for HDMI														
	Device Auto Power Off														
	PJ Auto Power On														
	Device List														
	Auto Input Search														
	Test Pattern														
	Background														
Installation	V Keystone														
	Image Flip														
	Lens Control														
	Trigger Select														
	IR Receiver														
	Blanking														
	Top														
	Bottom														
	Left														
	Right														
	Panel Alignment														
	Reset														
	Adjust Color														
	Pattern Color														
	Adjust(Shift)														
	H														
	V														
	Adjust(Zone Position)														
	H														
	V														
	Adjust(Zone)														
	H														
	V														
	Network Setting														
	IP Address Setup														
	Subnet Mask														
	Default Gateway														
	Primary DNS														
	Secondary DNS														
	MAC Address														
	Apply														
Information	fH														
	fV														
	(Memory No.)														
	(Resolution)														
	ROM Version														
	SC ROM Version														
	Lamp Timer														
	Operation Timer														
	Prev. Lamp Timer														
W/B Iris: Off/Auto1/ Auto2/ Manual	Gain R								128	128	128	128	128		
	G								128	128	128	128	128		
	B								128	128	128	128	128		
	Bias R								128	128	128	128	128		
	G								128	128	128	128	128		
	B								128	128	128	128	128		

DeviceName	ItemName		MemoryName											
			Set Memory	Status Memory	videoChroma									
					Video									
					Noinput	NTSC3.58	NTSC4.43	PAL	PALM	PALN	SECAM	BW60	BW50	PAL60
A/D Converter	ADC/	R Gain(Other)												
		R Gain(VideoGBR)												
		R Gain(Component 15k)												
		R Gain(Component 30k)												
		R Gain(Component HD)												
		G Gain(Other)												
		G Gain(VideoGBR)												
		G Gain(Component 15k)												
		G Gain(Component 30k)												
		G Gain(Component HD)												
		B Gain(Other)												
		B Gain(VideoGBR)												
		B Gain(Component 15k)												
		B Gain(Component 30k)												
		B Gain(Component HD)												
		R Offset(Other)												
		R Offset(VideoGBR)												
		R Offset(Component 15k)												
		R Offset(Component 30k)												
		R Offset(Component HD)												
		G Offset(Other)												
		G Offset(VideoGBR)												
		G Offset(Component 15k)												
		G Offset(Component 30k)												
		G Offset(Component HD)												
		B Offset(Other)												
		B Offset(VideoGBR)												
		B Offset(Component 15k)												
		B Offset(Component 30k)												
		B Offset(Component HD)												
	SS/	SonG Bias Current	1											
		SonG Hysterisis	1											
		SonG Thresh	1											
		Video Pos Thresh	1											
		Video Bias Current	1											
		Video Hysterisis	1											
		Video Thresh	1											
		VS Pol Gain	0											
		HS Pol Gain	0											
		Back VS Pol Gain	0											
		Back HS Pol Gain	0											
		VS Sep Se l	0											
		HACCU	0											
		HINA Thresh	1											
		HINA Hysterisis	1											
C.Dec	C.Dec	Entry Den	0x21											
		Entry Num	0x10											
		Exit Den	0x1c											
		Exit Num	0x10											
		CB Max Offset			9	9	9	9	9	9	0	9	9	9
		Secam H Cent	33/33 (Video/Svideo)											
		CV H Cent	15											
		CV Y Delay			6	6	6	6	6	6	6	6	6	6
		CV CB Pos			2	2	2	5	5	5	0	2	1	5
		S H Cent	11											
		S Y Delay			6	6	6	6	6	6	6	6	6	6
		S CB Pos			2	2	2	5	5	5	5	6	5	5
		Video Color	Noinput : 256 NTSC, NTSC4.43 : 194 PAL,PAL-M,PAL-N,SECAM : 207 BW50,VW60 : 256											
		Video Bright	16(NoInput+CololSystem(9))		64	64	64	64	80	64	34	64	64	64
		Killer Lev												
		Killer Lev BW	36/36(Video/Svideo)											
Panel Driver	P.Drv	Gain_R	106											
		Gain_G	106											
		Gain_B	106											
		Offset_R												
		Offset_G												
		Offset_B												
		V Common R												
		V Common G												
		V Common B												
		SID0 R	232											
		SID0 G	232											
		SID0 B	232											
		SID Others R	86											
		SID Others G	86											
		SID Others B	86											
Display Engine	DE/	LUT SW	0											
		UF SW	1											
		DE/R REG H	0											
		DE/R REG V	0											
		DE/B REG H	0											
		DE/B REG V	0											
Other	Iris/	Adj	NORMAL											
		Open Reg	1023											
		Close Reg	0											
		Open Hall	Display only											
		Close Hall	Display only											
	Other/	Synchronous	Sync											
		Pattern Enb												
		Lens Shift/H Center	512											
		Lens Shift/V Center	512											
		Lens Shift/V Top Limit	1023											
		Lens Shift/V Bottom Limit	0											
		Lens Shift/H Right Limit	0											
		Lens Shift/H Left Limit	1023											
		Anamo Lens Trigger/Pol	0											
		3D/LR Invert	OFF											
		3D/Sync Transmitter Strength	0											
		Simulated 3D Duration	60											

Note

There are some items that cannot be adjusted depending on the input signal.

DeviceName	ItemName		MemoryName							
			Channel Memory					Inst Memory		No Memory
			Video	Input-A	Component	HDMI1	HDMI2	Up/Down inversion possible	Up/Down inversion impossible	
A/D Converter	ADC/	R Gain(Other)	154	192	-	-	-			
		R Gain(VideoGBR)	-	192	-	-	-			
		R Gain(Component 15k)	-	206	206	-	-			
		R Gain(Component 30k)	-	206	206	-	-			
		R Gain(Component HD)	-	196	196	-	-			
		G Gain(Other)	32	188	-	-	-			
		G Gain(VideoGBR)	-	188	-	-	-			
		G Gain(Component 15k)	-	188	188	-	-			
		G Gain(Component 30k)	-	188	188	-	-			
		G Gain(Component HD)	-	184	184	-	-			
		B Gain(Other)	32	192	-	-	-			
		B Gain(VideoGBR)	-	192	-	-	-			
		B Gain(Component 15k)	-	198	198	-	-			
		B Gain(Component 30k)	-	198	198	-	-			
		B Gain(Component HD)	-	196	196	-	-			
		R Offset(Other)	16	16	-	-	-			
		R Offset(VideoGBR)	-	16	-	-	-			
		R Offset(Component 15k)	-	128	128	-	-			
		R Offset(Component 30k)	-	128	128	-	-			
		R Offset(Component HD)	-	128	128	-	-			
		G Offset(Other)	16	16	-	-	-			
		G Offset(VideoGBR)	-	16	-	-	-			
		G Offset(Component 15k)	-	16	16	-	-			
		G Offset(Component 30k)	-	16	16	-	-			
		G Offset(Component HD)	-	16	16	-	-			
		B Offset(Other)	16	16	-	-	-			
		B Offset(VideoGBR)	-	16	-	-	-			
		B Offset(Component 15k)	-	128	128	-	-			
		B Offset(Component 30k)	-	128	128	-	-			
		B Offset(Component HD)	-	128	128	-	-			
	SS/	SonG Bias Current								
		SonG Hysterisis								
		SonG Thresh								
		Video Pos Thresh								
		Video Bias Current								
		Video Hysterisis								
		Video Thresh								
		VS Pol Gain								
		HS Pol Gain								
		Back VS Pol Gain								
		Back HS Pol Gain								
		VS Sep Se l								
		HACCU								
		HINA Thresh								
		HINA Hysterisis								
C.Dec	C.Dec	Entry Den								
		Entry Num								
		Exit Den								
		Exit Num								
		CB Max Offset								
		Secam H Cent								
		CV H Cent								
		CV Y Delay								
		CV CB Pos								
		S H Cent								
		S Y Delay								
		S CB Pos								
		Video Color								
		Video Bright								
		Killer Lev								
		Killer Lev BW								
Panel Driver	P.Drv	Gain_R								
		Gain_G								
		Gain_B								
		Offset_R						45	45	
		Offset_G						45	45	
		Offset_B						45	45	
		V Common R						96	96	
		V Common G						96	96	
		V Common B						96	96	
		SID0 R								
		SID0 G								
		SID0 B								
		SID Others R								
		SID Others G								
		SID Others B								
Display Engine	DE/	LUT SW								
		UF SW								
		DE/R REG H								
		DE/R REG V								
		DE/B REG H								
		DE/B REG V								
Other	Iris/	Adj								
		Open Reg								
		Close Reg								
		Open Hall								
		Close Hall								
	Other/	Synchronous								
		Pattern Enb								enable
		Lens Shift/H Center								
		Lens Shift/V Center								
		Lens Shift/V Top Limit								
		Lens Shift/V Bottom Limit								
		Lens Shift/H Right Limit								
		Lens Shift/H Left Limit								
		Anamo Lens Trigger/Pol								
		3D/LR Invert								
		3D/Sync Transmitter Strength								
		Simulated 3D Duration								

Section 3
Spare Parts

3-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

3-1. 補修部品注意事項

1. 安全重要部品

⚠警告

⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。

3. 部品の在庫

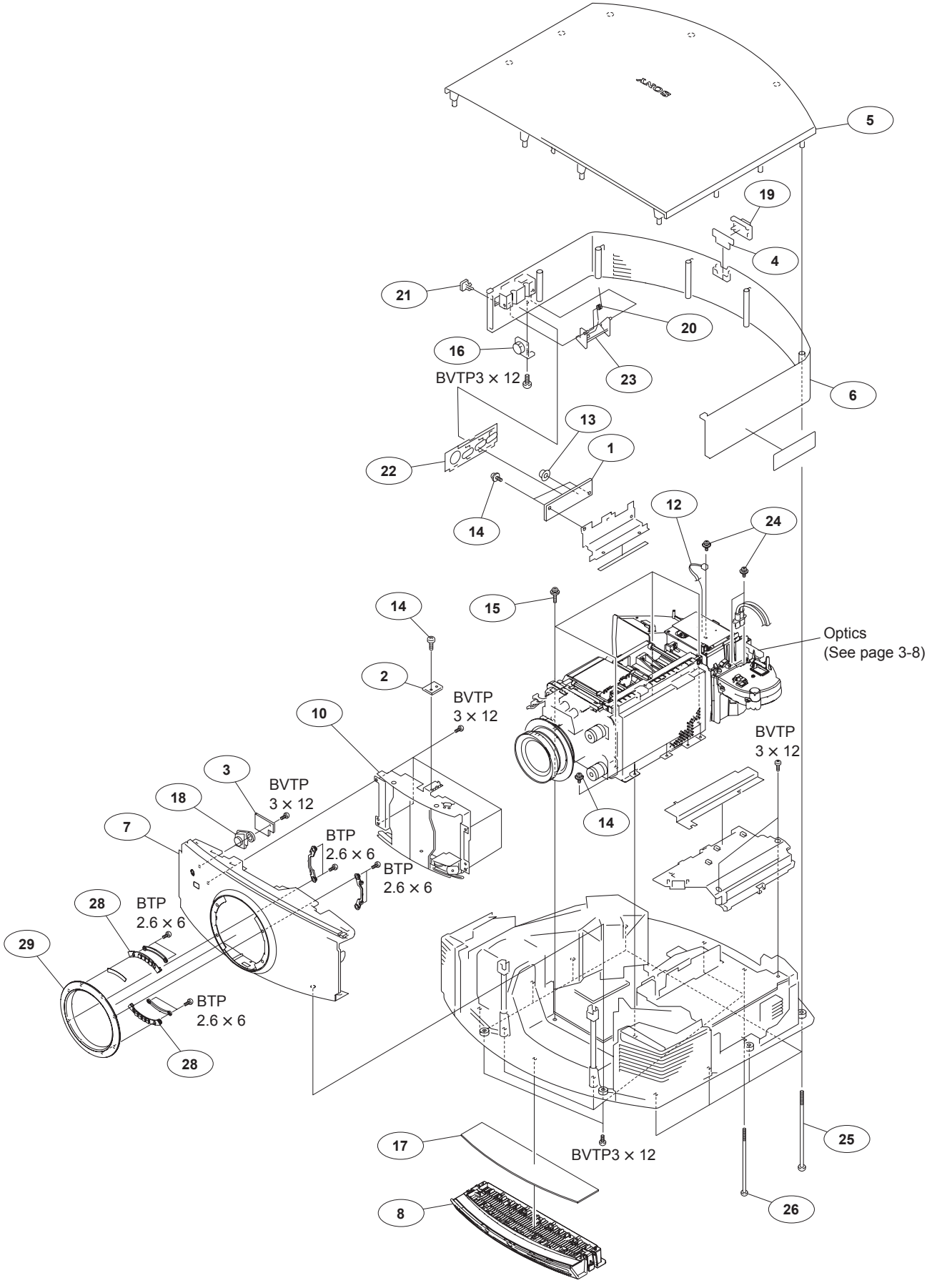
部品表の SP（Supply code）欄に "o" で示される部品は在庫していないことがあり，納期が長くなることがあります。

4. ハーネス

部品番号の記載されていないハーネスは，サービス部品として登録されていません。

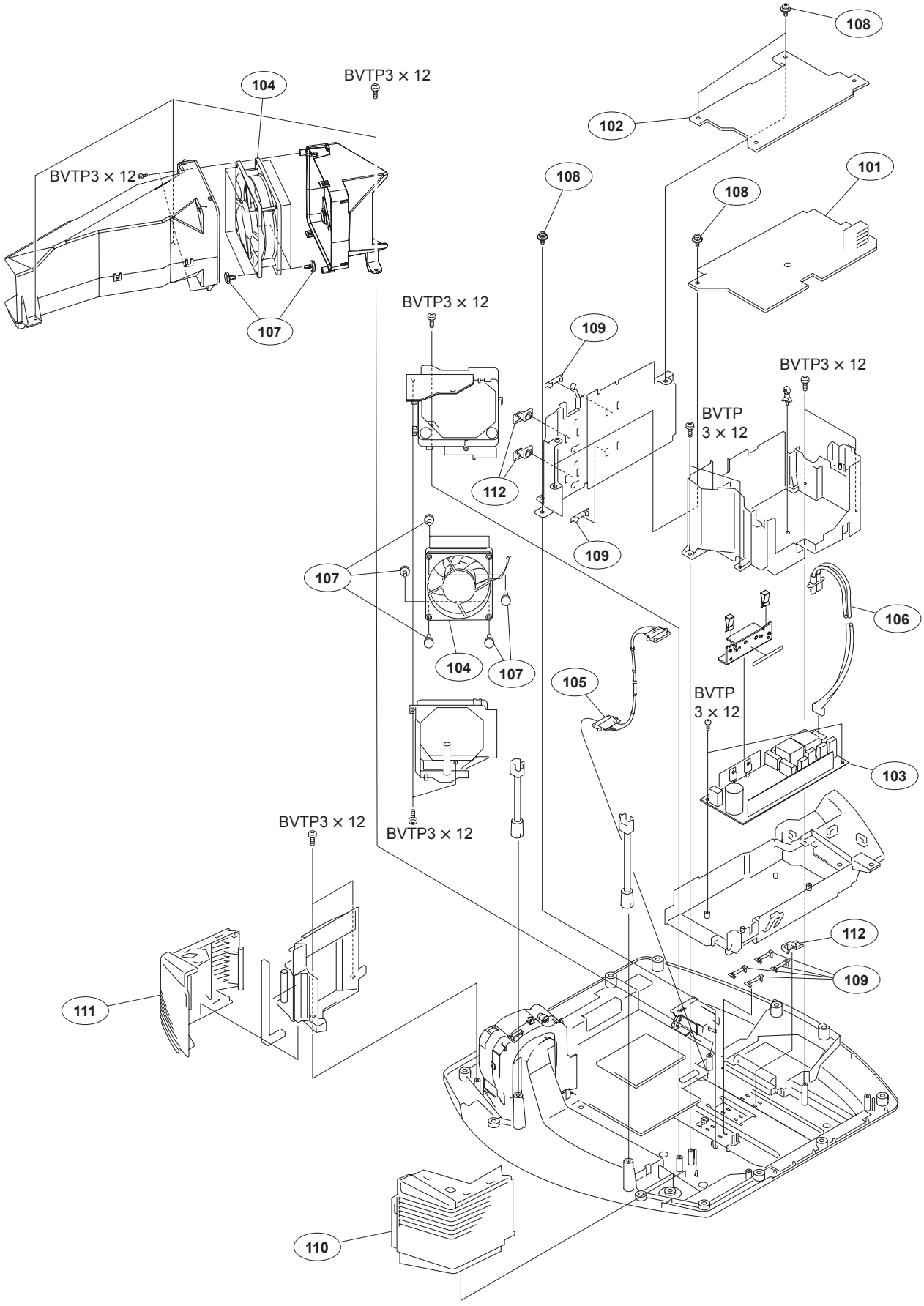
🔒印の部分には，秘密情報が含まれています。
修理の際は，指示に従った対応を行ってください。

3-2. Exploded Views



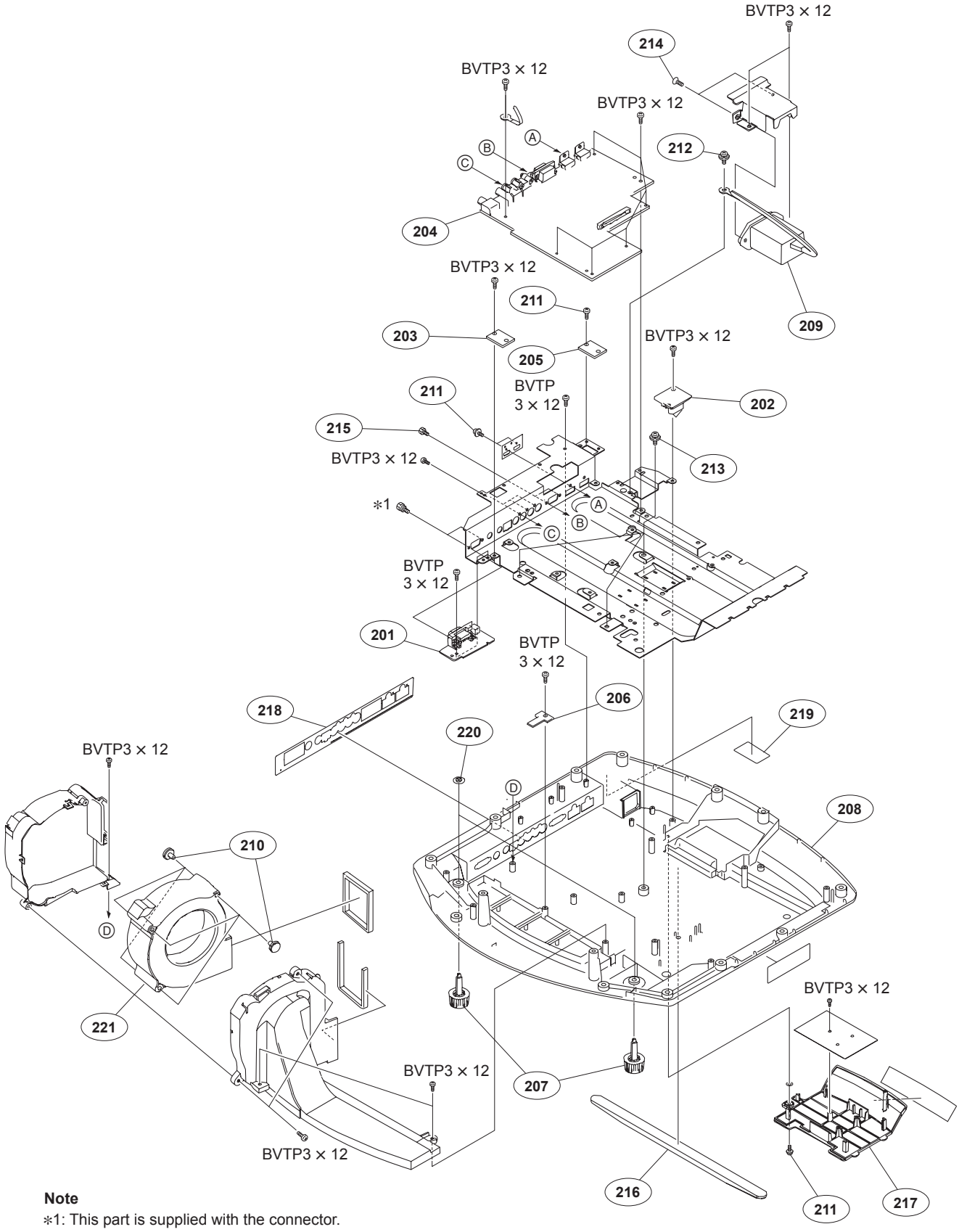
No.	Part No.	SP	Description
1	A-1782-317-A	s	MOUNTED CIRCUIT BOARD, HA
2	A-1782-318-A	s	MOUNTED CIRCUIT BOARD, HB
3	A-1782-319-A	s	MOUNTED CIRCUIT BOARD, NF
4	A-1782-320-A	s	MOUNTED CIRCUIT BOARD, NR
5	⚠ X-2560-830-1	s	ASSY, TOP COVER (For U)
	⚠ X-2549-876-1	s	ASSY, TOP COVER (For SY/J)
6	⚠ X-2345-475-2	s	ASSY, HOOD
7	⚠ X-2345-476-3	s	ASSY, FRONT PANEL
8	⚠ X-2345-477-1	s	ASSY, FILTER COVER
10	⚠ 1-487-039-11	s	SHUTTER UNIT
12	1-910-051-43	s	CONNECTOR ASSY,FUSE
13	2-188-288-21	s	BUTTON (P)
14	2-580-593-01	s	SCREW, +PSW M3X8
15	2-580-603-01	s	SCREW, +PSW M4X16
16	3-047-468-01	s	DAMPER
17	⚠ 3-875-777-01	s	FILTER
18	3-879-165-01	s	LENS, NF
19	3-879-166-01	s	LENS, NR
20	3-879-174-01	s	SPRING, HA
21	3-879-176-11	s	KEY TOP
22	⚠ 3-879-177-02	s	BUTTON, HA
23	3-879-179-11	s	COVER, HA
24	4-029-432-12	s	SCREW (3X12), (+) BVWHTP
25	4-099-122-02	s	SCREW +BV 3X70 TYPE 2, SPECIAL
26	4-104-449-01	s	SHAFT 85
28	A-1792-576-A	s	MOUNTED CIRCUIT BOARD, EM
29	4-258-371-01	s	RING, IR
	7-685-648-79	s	SCREW +BVTP 3X12 TYPE2 IT-3

GA Board and GB Board



No.		Part No.	SP	Description
101		A-1803-427-A	s	MOUNTED CIRCUIT BOARD, GB
102		A-1803-426-A	s	MOUNTED CIRCUIT BOARD, GA
103	⚠	1-480-898-12	s	LAMP POWER SUPPLY BLOCK
104	⚠	1-787-634-11	s	D.C.FAN
105		1-835-819-12	s	LEAD WIRE WITH CONNECTOR (LVDS)
106	⚠	1-835-846-11	s	CONNECTOR ASSY, LAMP POWER
107		2-059-414-21	s	DAMPER, FAN
108		2-580-593-01	s	SCREW, +PSW M3X8
109		3-080-039-01	s	CLAMP (FCR-15), FLAT
110	⚠	3-879-168-12	s	LOUVER (R)
111	⚠	3-879-169-12	s	LOUVER (L)
112		4-123-098-01	s	HOLDER
		7-685-648-79	s	SCREW +BVTP 3X12 TYPE2 IT-3

Bottom Cover

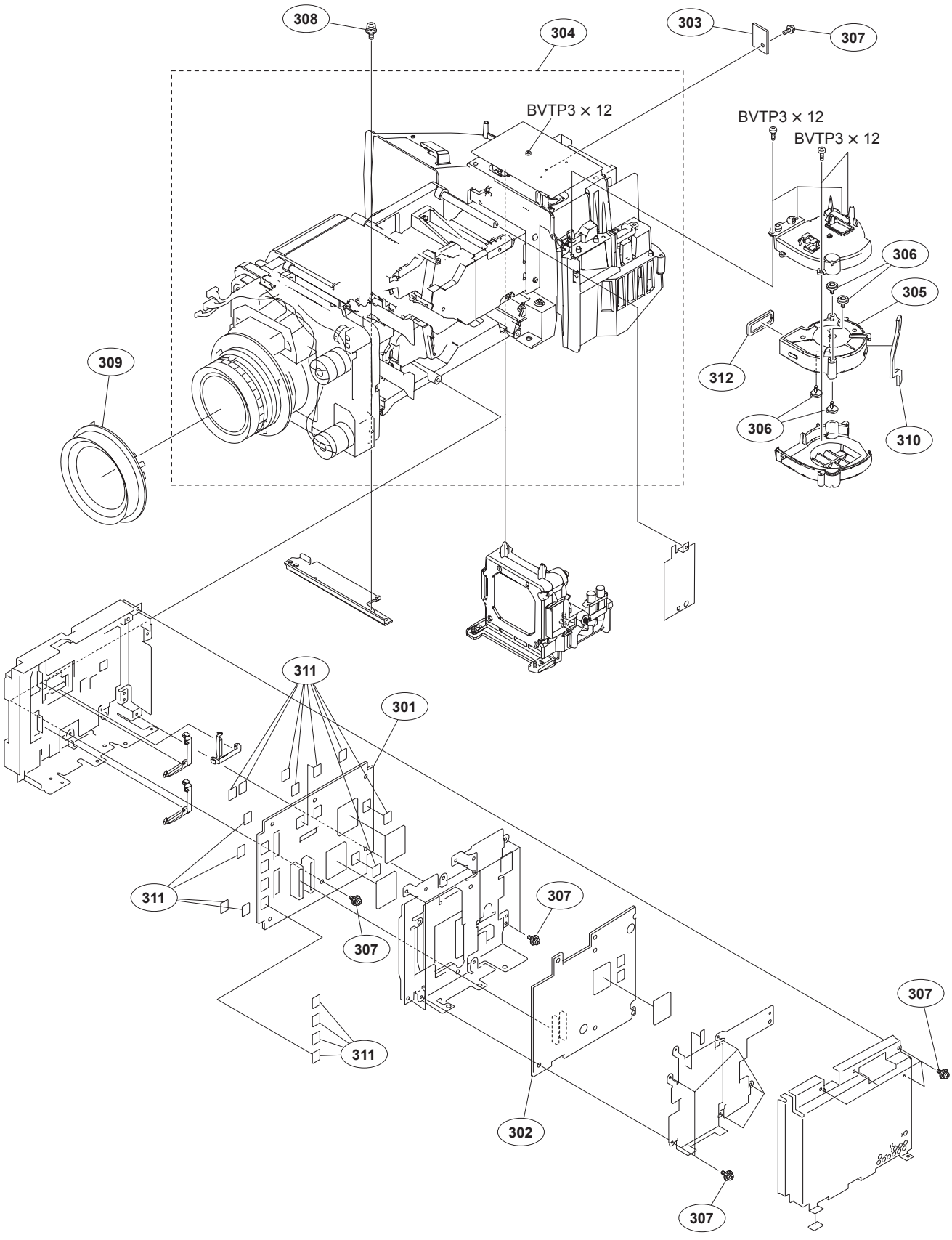


Note

*1: This part is supplied with the connector.

No.		Part No.	SP	Description
201		A-1782-186-A	s	MOUNTED CIRCUIT BOARD, QB
202		A-1782-322-A	s	MOUNTED CIRCUIT BOARD, U
203		A-1782-323-A	s	MOUNTED CIRCUIT BOARD, V
204	🔒	A-1803-422-A	s	MOUNTED CIRCUIT BOARD, QA (For U/SY)
	🔒	A-1803-423-A	s	MOUNTED CIRCUIT BOARD, QA (For J)
205		A-1782-324-A	s	MOUNTED CIRCUIT BOARD, J
206		A-1782-325-A	s	MOUNTED CIRCUIT BOARD, TA
207		X-2149-020-1	s	ADJUSTOR ASSY
208	⚠	X-2549-877-1	s	COVER ASSY, BOTTOM
209	⚠	1-822-369-11	s	AC INLET (WITH NOISEFILTER)
210		2-059-414-21	s	DAMPER, FAN
211		2-580-593-01	s	SCREW, +PSW M3X8
212		2-580-603-01	s	SCREW, +PSW M4X16
213		2-580-606-01	s	SCREW, +PSW M5X8
214		2-580-614-01	s	SCREW, +K M3X8
215		2-580-626-01	s	SCREW, SP 4-40 UNC
216		2-695-514-01	s	FOOT, REAR
217	⚠	3-879-171-11	s	COVER, LAMP
218		4-258-608-01	s	SHEET, CONNECTOR
219		4-120-037-01	s	SHEET J
220		4-303-605-01	s	NUT
221	⚠	8-835-883-02	s	MOTOR, DC SFF22D/C-NP
		7-685-648-79	s	SCREW +BVTP 3X12 TYPE2 IT-3

Optics


308
304
303
307
BVTP3 × 12
BVTP3 × 12
BVTP3 × 12
306
305
309
312
306
310
311
301
311
307
307
307
311
307
302
307

No.		Part No.	SP	Description
301	🔒	A-1803-424-A	s	MOUNTED CIRCUIT BOARD, CA
302		A-1803-425-A	s	MOUNTED CIRCUIT BOARD, CB
303		A-1782-321-A	s	MOUNTED CIRCUIT BOARD, TL
304		A-1797-170-A	s	OPTICS UNIT ASSY
305	⚠	1-787-065-12	s	D.C. FAN (SIROCCO)
306		2-059-414-21	s	DAMPER, FAN
307		2-580-593-01	s	SCREW, +PSW M3X8
308		2-580-603-01	s	SCREW, +PSW M4X16
309		3-879-170-01	s	FOCUS, RING
310		4-112-208-01	s	CUSHION (LF), SHADING
311		4-121-030-01	s	SHEET (12-12), RADIATION
312		2-887-853-21	s	CUSHION (LAMP FAN)
		7-685-648-79	s	SCREW +BVTP 3X12 TYPE2 IT-3

3-3. Electrical Parts List

CA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1803-424-A	s	MOUNTED CIRCUIT BOARD, CA
C1001	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1002	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C1003	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C1501	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1502	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1503	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1504	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1505	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1506	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1507	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C1508	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1509	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1510	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1512	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1513	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1514	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1515	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1516	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1517	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1518	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C1520	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1521	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1522	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1523	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1524	1-112-778-11	s	CAP, CERAMIC 0.022MF X7R 1005
C1525	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C1534	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1535	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C1539	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1541	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C2001	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2002	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2003	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2004	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2005	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2006	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2007	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2008	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2009	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2010	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2011	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2012	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2013	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2014	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2015	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2016	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2017	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2018	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2019	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2020	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2021	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2022	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2023	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2024	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2025	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2026	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2027	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C2028	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C2029	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2030	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2031	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2032	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C2501	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C2502	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C2506	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C2507	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C2509	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C2511	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3001	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3002	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3003	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3004	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3005	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3006	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3007	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3008	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3009	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C3010	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3011	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C3012	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3013	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C3014	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C3015	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3016	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3017	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3018	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3019	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3020	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3021	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3022	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3023	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3024	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3025	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C3026	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C3027	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C3028	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C3029	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3030	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3031	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3032	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3033	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C3034	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3035	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C3036	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3037	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C3038	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C3039	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3040	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3041	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3042	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3043	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3044	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3045	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3046	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3047	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3048	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)

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Ref. No. or Q'ty	Part No.	SP	Description
C3049	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3050	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3051	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3052	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3053	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3054	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3055	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C3056	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3057	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C3058	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3059	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C3060	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C3501	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3502	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3503	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3504	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3505	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3506	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3507	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3508	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3509	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3510	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3511	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3512	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C3513	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C3514	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3515	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3516	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3517	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3518	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3519	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3520	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3521	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3522	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3523	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3524	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3525	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3526	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3527	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3528	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3529	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3530	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3531	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3532	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3533	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3534	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3535	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3536	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3537	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3538	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3539	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3540	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3541	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3543	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3544	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3545	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3546	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3547	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3548	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012

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Ref. No. or Q'ty	Part No.	SP	Description
C3549	1-131-956-21	s	CAP, ELECT 220MF (6.3X5.4)
C3550	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3551	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3552	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3553	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3554	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3555	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3556	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3557	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3558	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3559	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3560	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3561	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3562	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3563	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3564	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3565	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3566	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3567	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3568	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3569	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3570	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3571	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3572	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3573	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3574	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3575	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C3576	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3577	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3578	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3579	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3580	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3581	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C3582	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C3583	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3584	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3586	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3587	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3588	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3589	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3590	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3591	1-131-956-21	s	CAP, ELECT 220MF (6.3X5.4)
C3592	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3593	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3594	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C3595	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C3596	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4001	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C4002	1-164-848-81	s	CAP, CHIP CERAMIC 8PF CH 1005
C4005	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C4006	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4008	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4010	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4501	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4502	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4503	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4504	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4505	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4506	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)

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Ref. No. or Q'ty	Part No.	SP	Description
C4507	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4508	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4509	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C4510	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4511	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4512	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4513	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C4514	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C4515	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C4516	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C4517	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C4518	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C4519	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C4520	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4521	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4522	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4523	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4524	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4525	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C4526	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C4527	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C4528	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C4529	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4530	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4531	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4532	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4533	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C4534	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4535	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4536	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4537	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C4538	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C4539	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4540	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4541	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4542	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4543	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4544	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4545	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4546	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4547	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4548	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4549	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4550	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4551	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4552	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C4553	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4554	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4555	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C4556	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4557	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4558	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4559	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C4560	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C5001	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5002	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5003	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5004	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5005	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C5006	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C5007	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5008	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5009	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5010	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5011	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C5012	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C5013	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C5014	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5015	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5016	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5017	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5018	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5019	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5020	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5021	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5022	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5023	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5024	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5025	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5026	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5027	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5028	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5029	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5030	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5031	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5032	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5033	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5034	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5035	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5036	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5037	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5038	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5039	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C5040	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5041	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5043	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5044	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5045	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5046	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5047	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5048	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5049	1-131-956-21	s	CAP, ELECT 220MF (6.3X5.4)
C5050	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5051	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5052	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5053	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5054	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5055	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5056	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5057	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5058	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5059	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5060	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5061	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5062	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5063	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5064	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5065	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012

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Ref. No. or Q'ty	Part No.	SP	Description
C5066	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5067	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5068	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5069	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5070	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5071	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5072	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5073	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5074	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C5075	1-114-354-11	s	CAP, CERAMIC 0.1MF X7R (1410)
C5076	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5077	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5078	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5079	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5080	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C5081	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C5082	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C5083	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5084	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5086	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5087	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5088	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5089	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5090	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5091	1-131-956-21	s	CAP, ELECT 220MF (6.3X5.4)
C5092	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5093	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5094	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5095	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5096	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C5501	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5502	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C5503	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C5504	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C5505	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C5506	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5507	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5508	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5509	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5512	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C5513	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C5514	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5515	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5516	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C5517	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C5518	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5519	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C5520	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5521	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5522	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5523	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5524	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5525	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5526	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5527	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5528	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5529	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5530	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C5531	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C5532	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5533	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5534	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C5535	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C5536	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C5537	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C5538	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5539	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5540	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C5541	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C5542	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5543	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C5544	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6001	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C6002	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C6003	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6004	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6005	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6006	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6009	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C6010	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C6011	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6012	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6013	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C6014	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C6015	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6016	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6017	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6018	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6019	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6020	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6021	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6022	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6023	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C6024	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6025	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6026	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6027	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6028	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6029	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6030	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6031	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6032	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C6033	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C6034	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6035	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6036	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6037	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C6039	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C6040	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C6041	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C6042	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C6043	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C6045	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C6046	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6047	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C6048	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C6050	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C6052	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C6055	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C6056	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C6057	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6058	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C6059	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C6060	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6061	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6062	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6063	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6501	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C6502	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6503	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C6504	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C6505	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C6506	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6507	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6508	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6509	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6512	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C6513	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C6514	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6515	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6516	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C6517	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C6518	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6519	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C6520	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6521	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6522	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6523	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6524	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6525	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6526	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6527	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6528	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6529	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6530	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6531	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C6532	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6533	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6534	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C6535	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C6536	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6537	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6538	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6539	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C6540	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6541	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6542	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C6544	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C6545	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7001	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C7002	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C7003	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7004	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7005	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7006	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7009	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C7010	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C7011	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7012	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7013	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C7014	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C7015	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7016	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7017	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7018	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7019	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7020	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7021	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7022	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7023	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7024	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7025	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7026	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7027	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7028	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7029	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7030	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7031	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C7032	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C7033	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7034	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7035	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7036	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C7037	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C7038	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7040	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7041	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C7042	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C7044	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C7046	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C7049	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C7050	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C7051	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C7052	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7053	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C7054	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7055	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7056	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7501	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C7502	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C7503	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7504	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C7505	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C7506	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7507	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7508	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7509	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7512	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C7513	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C7514	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7515	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7516	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C7517	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C7518	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7519	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C7520	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C7521	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7522	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7523	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7524	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7525	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7526	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7527	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7528	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7529	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7530	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7531	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C7532	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7533	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7534	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C7535	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C7536	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7537	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7538	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7539	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C7540	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7541	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7542	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C7544	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C7545	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8001	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C8002	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C8003	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8004	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8005	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8006	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8009	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C8010	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C8011	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C8012	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C8013	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C8014	1-112-068-11	s	CAP, CERAMIC 220PF X7R 1005
C8015	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C8016	1-114-353-11	s	CAP, CERAMIC 0.01MF X7R (1410)
C8017	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8018	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8019	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8020	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8021	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8022	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8023	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8024	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8025	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8026	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8027	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8028	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C8029	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8030	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8031	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C8032	1-137-942-21	s	CAP, ELECT 47MF (6.3X5.4)
C8033	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C8034	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C8035	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8036	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C8038	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C8040	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C8041	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C8042	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C8044	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C8046	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C8049	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C8050	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C8051	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C8052	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8053	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C8054	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C8055	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C8056	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C8057	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
CN1501	1-819-463-11	s	HEADER ASSEMBLY FOR PWB 6P
CN6001	1-821-474-11	s	FFC/FPC CONNNECTOR (ZIF) 80P
CN7001	1-821-474-11	s	FFC/FPC CONNNECTOR (ZIF) 80P
CN8001	1-821-474-11	s	FFC/FPC CONNNECTOR (ZIF) 80P
D1006	6-502-961-01	s	DI DA2J10100L
D1501	6-502-961-01	s	DI DA2J10100L
D6001	6-502-961-01	s	DI DA2J10100L
ET001	1-780-638-22	s	CONTACT TERMINAL
ET002	1-780-638-22	s	CONTACT TERMINAL
ET003	1-780-638-22	s	CONTACT TERMINAL
ET004	1-780-638-22	s	CONTACT TERMINAL
ET005	1-780-638-22	s	CONTACT TERMINAL
ET006	1-780-638-22	s	CONTACT TERMINAL
ET007	1-780-638-22	s	CONTACT TERMINAL
ET008	1-780-638-22	s	CONTACT TERMINAL
ET012	1-780-638-22	s	CONTACT TERMINAL
ET014	1-694-802-21	s	CONTACT TERMINAL
FB1001	1-400-693-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1002	1-400-693-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1003	1-400-693-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1004	1-400-693-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1005	1-400-693-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1006	1-400-693-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1501	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1502	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1503	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1504	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1505	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1506	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1507	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1508	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1509	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1510	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1511	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1512	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1513	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB3001	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB3002	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB3003	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB3501	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB3503	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB3504	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB3505	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB3506	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
FB3507	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB3508	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB3509	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB3510	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB3512	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB4501	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB4502	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB4503	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB5001	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB5002	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB5003	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB5004	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB5005	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB5006	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB5007	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB5008	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB5009	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB5010	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB5011	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB5012	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FL3001	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL3002	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL3003	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL4501	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL4502	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL4503	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL5501	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL5502	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL6001	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL6002	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL6501	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL6502	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL7001	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL7002	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL7501	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL7502	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL8001	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL8002	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
IC1001	6-715-659-01	s	IC PST8428UL
IC1002	6-715-659-01	s	IC PST8428UL
IC1501	6-714-911-01	s	IC TPS54325PWPR
IC1502	6-711-475-01	s	IC TC74LCX541FK(EL,K)
IC1503	6-714-911-01	s	IC TPS54325PWPR
IC1504	6-714-935-01	s	IC TPS54225PWPR
IC2001	6-711-359-01	s	IC CXD9895GA
IC2002	6-711-359-01	s	IC CXD9895GA
IC2501	6-714-155-01	s	IC R1EX24512ASAS0A
IC3502	6-714-608-01	s	IC TPS51200DRCR
IC3504	6-714-608-01	s	IC TPS51200DRCR
IC4002	6-714-155-01	s	IC R1EX24512ASAS0A
IC5002	6-714-608-01	s	IC TPS51200DRCR
IC5004	6-714-608-01	s	IC TPS51200DRCR
IC5501	6-702-302-01	s	IC TK11133CSCL-G
IC5502	6-715-659-01	s	IC PST8428UL
IC5503	8-753-281-99	s	IC CXA7009R-T6
IC5504	8-753-281-99	s	IC CXA7009R-T6
IC5505	6-708-762-01	s	IC PQ200WNA1ZPH
IC6001	8-753-281-99	s	IC CXA7009R-T6

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Ref. No. or Q'ty	Part No.	SP	Description
IC6002	8-753-281-99	s	IC CXA7009R-T6
IC6004	6-715-659-01	s	IC PST8428UL
IC6005	8-759-338-95	s	IC NJM2903V(TE2)
IC6006	6-708-762-01	s	IC PQ200WNA1ZPH
IC6501	6-702-302-01	s	IC TK11133CSCL-G
IC6502	6-715-659-01	s	IC PST8428UL
IC6503	8-753-281-99	s	IC CXA7009R-T6
IC6504	8-753-281-99	s	IC CXA7009R-T6
IC6505	6-708-762-01	s	IC PQ200WNA1ZPH
IC7001	8-753-281-99	s	IC CXA7009R-T6
IC7002	8-753-281-99	s	IC CXA7009R-T6
IC7004	6-708-762-01	s	IC PQ200WNA1ZPH
IC7005	6-715-659-01	s	IC PST8428UL
IC7501	6-702-302-01	s	IC TK11133CSCL-G
IC7502	6-715-659-01	s	IC PST8428UL
IC7503	8-753-281-99	s	IC CXA7009R-T6
IC7504	8-753-281-99	s	IC CXA7009R-T6
IC7505	6-708-762-01	s	IC PQ200WNA1ZPH
IC8001	8-753-281-99	s	IC CXA7009R-T6
IC8002	8-753-281-99	s	IC CXA7009R-T6
IC8004	6-715-659-01	s	IC PST8428UL
IC8005	6-708-762-01	s	IC PQ200WNA1ZPH
L1501	1-457-455-11	s	CHOKE COIL 10UH
L1502	1-457-455-11	s	CHOKE COIL 10UH
L1503	1-457-874-11	s	CHOKE COIL 10UH
L2001	1-481-522-11	s	INDUCTOR 2.2UH
L2002	1-481-522-11	s	INDUCTOR 2.2UH
L2003	1-481-522-11	s	INDUCTOR 2.2UH
L2004	1-481-522-11	s	INDUCTOR 2.2UH
L2005	1-481-522-11	s	INDUCTOR 2.2UH
L2006	1-481-522-11	s	INDUCTOR 2.2UH
L2007	1-481-522-11	s	INDUCTOR 2.2UH
L2008	1-481-522-11	s	INDUCTOR 2.2UH
L3001	1-481-524-11	s	INDUCTOR 10UH
L3002	1-481-524-11	s	INDUCTOR 10UH
L3003	1-481-524-11	s	INDUCTOR 10UH
L3004	1-481-524-11	s	INDUCTOR 10UH
L4501	1-481-524-11	s	INDUCTOR 10UH
L4502	1-481-524-11	s	INDUCTOR 10UH
L4503	1-481-524-11	s	INDUCTOR 10UH
L4504	1-481-524-11	s	INDUCTOR 10UH
L5501	1-481-522-11	s	INDUCTOR 2.2UH
L5502	1-481-522-11	s	INDUCTOR 2.2UH
L5503	1-481-522-11	s	INDUCTOR 2.2UH
L5504	1-481-522-11	s	INDUCTOR 2.2UH
L5505	1-481-522-11	s	INDUCTOR 2.2UH
L5506	1-481-522-11	s	INDUCTOR 2.2UH
L6001	1-481-522-11	s	INDUCTOR 2.2UH
L6002	1-481-522-11	s	INDUCTOR 2.2UH
L6003	1-481-522-11	s	INDUCTOR 2.2UH
L6004	1-481-522-11	s	INDUCTOR 2.2UH
L6005	1-481-522-11	s	INDUCTOR 2.2UH
L6006	1-400-791-21	s	INDUCTOR, CHIP 10UH (2518)
L6007	1-481-522-11	s	INDUCTOR 2.2UH
L6501	1-481-522-11	s	INDUCTOR 2.2UH
L6502	1-481-522-11	s	INDUCTOR 2.2UH
L6503	1-481-522-11	s	INDUCTOR 2.2UH
L6504	1-481-522-11	s	INDUCTOR 2.2UH

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Ref. No. or Q'ty	Part No.	SP	Description
L6505	1-481-522-11	s	INDUCTOR 2.2UH
L6506	1-481-522-11	s	INDUCTOR 2.2UH
L7001	1-481-522-11	s	INDUCTOR 2.2UH
L7002	1-481-522-11	s	INDUCTOR 2.2UH
L7003	1-481-522-11	s	INDUCTOR 2.2UH
L7004	1-481-522-11	s	INDUCTOR 2.2UH
L7005	1-481-522-11	s	INDUCTOR 2.2UH
L7006	1-400-791-21	s	INDUCTOR, CHIP 10UH (2518)
L7007	1-481-522-11	s	INDUCTOR 2.2UH
L7501	1-481-522-11	s	INDUCTOR 2.2UH
L7502	1-481-522-11	s	INDUCTOR 2.2UH
L7503	1-481-522-11	s	INDUCTOR 2.2UH
L7504	1-481-522-11	s	INDUCTOR 2.2UH
L7505	1-481-522-11	s	INDUCTOR 2.2UH
L7506	1-481-522-11	s	INDUCTOR 2.2UH
L8001	1-481-522-11	s	INDUCTOR 2.2UH
L8002	1-481-522-11	s	INDUCTOR 2.2UH
L8003	1-481-522-11	s	INDUCTOR 2.2UH
L8004	1-481-522-11	s	INDUCTOR 2.2UH
L8005	1-481-522-11	s	INDUCTOR 2.2UH
L8006	1-400-791-21	s	INDUCTOR, CHIP 10UH (2518)
L8007	1-481-522-11	s	INDUCTOR 2.2UH
Q1001	6-552-444-01	s	TR DRC5144E0L
Q1002	6-552-444-01	s	TR DRC5144E0L
Q1003	6-552-410-01	s	TR DRA5114E0L
Q1004	6-552-444-01	s	TR DRC5144E0L
Q1005	6-552-444-01	s	TR DRC5144E0L
Q1501	6-551-997-01	s	TR TPC6109-H
Q2501	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q2502	6-551-690-01	s	TRANSISTOR RT3N11M-TP-1
Q4001	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q4002	6-551-690-01	s	TRANSISTOR RT3N11M-TP-1
Q5501	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q5502	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q5503	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q5504	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6001	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6002	6-552-407-01	s	TR DSA500100L
Q6003	6-552-408-01	s	TR DSC500100L
Q6004	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6005	6-552-407-01	s	TR DSA500100L
Q6006	6-552-407-01	s	TR DSA500100L
Q6007	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6008	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6009	6-552-408-01	s	TR DSC500100L
Q6010	6-552-408-01	s	TR DSC500100L
Q6011	6-552-408-01	s	TR DSC500100L
Q6012	6-552-408-01	s	TR DSC500100L
Q6501	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6502	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6503	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q6504	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7001	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7002	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7003	6-552-444-01	s	TR DRC5144E0L
Q7004	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7005	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7501	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F

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Ref. No. or Q'ty	Part No.	SP	Description
Q7502	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7503	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q7504	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q8001	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q8002	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q8003	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q8004	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
R1001	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1002	1-218-965-81	s	RES, CHIP 10K 1005
R1003	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1004	1-218-965-81	s	RES, CHIP 10K 1005
R1005	1-218-961-81	s	RES, CHIP 4.7K
R1006	1-218-937-81	s	RES, CHIP 47
R1007	1-218-937-81	s	RES, CHIP 47
R1008	1-218-973-81	s	RES, CHIP 47K
R1009	1-218-967-81	s	RES, CHIP 15K
R1010	1-218-965-81	s	RES, CHIP 10K 1005
R1017	1-218-965-81	s	RES, CHIP 10K 1005
R1018	1-218-965-81	s	RES, CHIP 10K 1005
R1019	1-218-989-81	s	RES, CHIP 1M
R1020	1-218-965-81	s	RES, CHIP 10K 1005
R1024	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1501	1-218-965-81	s	RES, CHIP 10K 1005
R1503	1-208-927-81	s	RES, CHIP 47K (1005)
R1504	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1505	1-208-919-81	s	RES, CHIP 22K (1005)
R1507	1-218-965-81	s	RES, CHIP 10K 1005
R1509	1-208-927-81	s	RES, CHIP 47K (1005)
R1510	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1511	1-208-919-81	s	RES, CHIP 22K (1005)
R1513	1-218-965-81	s	RES, CHIP 10K 1005
R1515	1-208-877-81	s	RES, CHIP 390 (1005)
R1516	1-208-909-81	s	RES, CHIP 8.2K (1005)
R1517	1-208-919-81	s	RES, CHIP 22K (1005)
R2001	1-218-941-81	s	RES, CHIP 100
R2002	1-218-941-81	s	RES, CHIP 100
R2003	1-218-941-81	s	RES, CHIP 100
R2004	1-218-941-81	s	RES, CHIP 100
R2005	1-218-941-81	s	RES, CHIP 100
R2006	1-218-941-81	s	RES, CHIP 100
R2007	1-218-941-81	s	RES, CHIP 100
R2008	1-218-941-81	s	RES, CHIP 100
R2009	1-218-941-81	s	RES, CHIP 100
R2010	1-218-941-81	s	RES, CHIP 100
R2011	1-218-941-81	s	RES, CHIP 100
R2012	1-218-941-81	s	RES, CHIP 100
R2013	1-218-941-81	s	RES, CHIP 100
R2014	1-218-941-81	s	RES, CHIP 100
R2015	1-218-941-81	s	RES, CHIP 100
R2016	1-218-941-81	s	RES, CHIP 100
R2017	1-218-941-81	s	RES, CHIP 100
R2018	1-218-941-81	s	RES, CHIP 100
R2019	1-218-941-81	s	RES, CHIP 100
R2020	1-218-941-81	s	RES, CHIP 100
R2021	1-218-941-81	s	RES, CHIP 100
R2022	1-218-941-81	s	RES, CHIP 100
R2023	1-218-941-81	s	RES, CHIP 100
R2024	1-218-941-81	s	RES, CHIP 100

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Ref. No. or Q'ty	Part No.	SP	Description
R2025	1-218-941-81	s	RES, CHIP 100
R2026	1-218-941-81	s	RES, CHIP 100
R2027	1-218-941-81	s	RES, CHIP 100
R2028	1-218-941-81	s	RES, CHIP 100
R2029	1-218-941-81	s	RES, CHIP 100
R2030	1-218-941-81	s	RES, CHIP 100
R2031	1-218-941-81	s	RES, CHIP 100
R2032	1-218-941-81	s	RES, CHIP 100
R2033	1-218-941-81	s	RES, CHIP 100
R2034	1-218-941-81	s	RES, CHIP 100
R2035	1-218-941-81	s	RES, CHIP 100
R2036	1-218-941-81	s	RES, CHIP 100
R2037	1-218-941-81	s	RES, CHIP 100
R2038	1-218-941-81	s	RES, CHIP 100
R2039	1-218-941-81	s	RES, CHIP 100
R2040	1-218-941-81	s	RES, CHIP 100
R2041	1-218-941-81	s	RES, CHIP 100
R2042	1-218-941-81	s	RES, CHIP 100
R2043	1-218-941-81	s	RES, CHIP 100
R2044	1-218-941-81	s	RES, CHIP 100
R2045	1-218-941-81	s	RES, CHIP 100
R2046	1-218-941-81	s	RES, CHIP 100
R2047	1-218-941-81	s	RES, CHIP 100
R2048	1-218-941-81	s	RES, CHIP 100
R2501	1-218-937-81	s	RES, CHIP 47
R2502	1-218-937-81	s	RES, CHIP 47
R2503	1-218-937-81	s	RES, CHIP 47
R2504	1-218-941-81	s	RES, CHIP 100
R2505	1-218-937-81	s	RES, CHIP 47
R2506	1-218-937-81	s	RES, CHIP 47
R2507	1-218-937-81	s	RES, CHIP 47
R2508	1-218-989-81	s	RES, CHIP 1M
R2509	1-218-945-81	s	RES, CHIP 220
R2510	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2511	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2513	1-218-965-81	s	RES, CHIP 10K 1005
R2514	1-218-965-81	s	RES, CHIP 10K 1005
R2515	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R2519	1-218-953-81	s	RES, CHIP 1.0K
R2520	1-218-959-81	s	RES, CHIP 3.3K
R2522	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2524	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2525	1-218-933-81	s	RES, CHIP 22
R2526	1-218-965-81	s	RES, CHIP 10K 1005
R2527	1-218-929-81	s	RES, CHIP 10
R2528	1-218-973-81	s	RES, CHIP 47K
R2529	1-218-953-81	s	RES, CHIP 1.0K
R2530	1-218-969-81	s	RES, CHIP 22K
R2531	1-218-973-81	s	RES, CHIP 47K
R2532	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2533	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2537	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2538	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R2539	1-218-953-81	s	RES, CHIP 1.0K
R2540	1-218-965-81	s	RES, CHIP 10K 1005
R2541	1-218-953-81	s	RES, CHIP 1.0K
R2542	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3501	1-218-935-81	s	RES, CHIP 33
R3502	1-218-933-81	s	RES, CHIP 22

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Ref. No. or Q'ty	Part No.	SP	Description
R3503	1-218-933-81	s	RES, CHIP 22
R3504	1-218-933-81	s	RES, CHIP 22
R3505	1-218-933-81	s	RES, CHIP 22
R3506	1-218-933-81	s	RES, CHIP 22
R3507	1-218-933-81	s	RES, CHIP 22
R3508	1-218-933-81	s	RES, CHIP 22
R3509	1-218-933-81	s	RES, CHIP 22
R3510	1-218-933-81	s	RES, CHIP 22
R3511	1-218-935-81	s	RES, CHIP 33
R3512	1-218-935-81	s	RES, CHIP 33
R3513	1-218-935-81	s	RES, CHIP 33
R3514	1-218-935-81	s	RES, CHIP 33
R3515	1-218-935-81	s	RES, CHIP 33
R3516	1-218-939-81	s	RES, CHIP 68
R3517	1-218-939-81	s	RES, CHIP 68
R3518	1-218-939-81	s	RES, CHIP 68
R3519	1-218-939-81	s	RES, CHIP 68
R3520	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3521	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3522	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3523	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3524	1-218-935-81	s	RES, CHIP 33
R3525	1-218-933-81	s	RES, CHIP 22
R3526	1-218-933-81	s	RES, CHIP 22
R3527	1-218-933-81	s	RES, CHIP 22
R3528	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3529	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R3530	1-218-933-81	s	RES, CHIP 22
R3531	1-218-933-81	s	RES, CHIP 22
R3532	1-218-933-81	s	RES, CHIP 22
R3533	1-218-933-81	s	RES, CHIP 22
R3534	1-218-937-81	s	RES, CHIP 47
R3535	1-218-937-81	s	RES, CHIP 47
R3536	1-218-937-81	s	RES, CHIP 47
R3537	1-218-937-81	s	RES, CHIP 47
R3538	1-218-933-81	s	RES, CHIP 22
R3539	1-218-937-81	s	RES, CHIP 47
R3540	1-218-937-81	s	RES, CHIP 47
R3541	1-218-937-81	s	RES, CHIP 47
R3544	1-218-933-81	s	RES, CHIP 22
R3545	1-218-933-81	s	RES, CHIP 22
R3546	1-218-933-81	s	RES, CHIP 22
R3547	1-218-933-81	s	RES, CHIP 22
R3548	1-218-939-81	s	RES, CHIP 68
R3549	1-218-939-81	s	RES, CHIP 68
R3550	1-218-939-81	s	RES, CHIP 68
R3551	1-218-939-81	s	RES, CHIP 68
R3552	1-218-933-81	s	RES, CHIP 22
R3553	1-218-933-81	s	RES, CHIP 22
R3554	1-218-933-81	s	RES, CHIP 22
R3555	1-218-933-81	s	RES, CHIP 22
R3556	1-218-937-81	s	RES, CHIP 47
R3557	1-218-937-81	s	RES, CHIP 47
R3558	1-218-937-81	s	RES, CHIP 47
R3559	1-218-937-81	s	RES, CHIP 47
R3560	1-218-933-81	s	RES, CHIP 22
R3561	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R3562	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R3565	1-208-911-81	s	RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R3566	1-208-911-81	s	RES, CHIP 10K (1005)
R3567	1-218-977-81	s	RES, CHIP 100K
R3568	1-208-911-81	s	RES, CHIP 10K (1005)
R3569	1-208-911-81	s	RES, CHIP 10K (1005)
R3570	1-218-977-81	s	RES, CHIP 100K
R4001	1-218-937-81	s	RES, CHIP 47
R4002	1-218-937-81	s	RES, CHIP 47
R4003	1-218-937-81	s	RES, CHIP 47
R4004	1-218-941-81	s	RES, CHIP 100
R4005	1-218-937-81	s	RES, CHIP 47
R4006	1-218-937-81	s	RES, CHIP 47
R4007	1-218-937-81	s	RES, CHIP 47
R4008	1-218-945-81	s	RES, CHIP 220
R4009	1-218-989-81	s	RES, CHIP 1M
R4010	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4011	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4012	1-218-965-81	s	RES, CHIP 10K 1005
R4013	1-218-965-81	s	RES, CHIP 10K 1005
R4014	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R4015	1-218-953-81	s	RES, CHIP 1.0K
R4016	1-218-959-81	s	RES, CHIP 3.3K
R4018	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4019	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4022	1-218-965-81	s	RES, CHIP 10K 1005
R4023	1-218-929-81	s	RES, CHIP 10
R4024	1-218-973-81	s	RES, CHIP 47K
R4025	1-218-953-81	s	RES, CHIP 1.0K
R4026	1-218-969-81	s	RES, CHIP 22K
R4027	1-218-973-81	s	RES, CHIP 47K
R4031	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4032	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4033	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4034	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4035	1-218-953-81	s	RES, CHIP 1.0K
R4036	1-218-965-81	s	RES, CHIP 10K 1005
R4037	1-218-953-81	s	RES, CHIP 1.0K
R4038	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5001	1-218-935-81	s	RES, CHIP 33
R5002	1-218-933-81	s	RES, CHIP 22
R5003	1-218-933-81	s	RES, CHIP 22
R5004	1-218-933-81	s	RES, CHIP 22
R5005	1-218-933-81	s	RES, CHIP 22
R5006	1-218-933-81	s	RES, CHIP 22
R5007	1-218-933-81	s	RES, CHIP 22
R5008	1-218-933-81	s	RES, CHIP 22
R5009	1-218-933-81	s	RES, CHIP 22
R5010	1-218-933-81	s	RES, CHIP 22
R5011	1-218-935-81	s	RES, CHIP 33
R5012	1-218-935-81	s	RES, CHIP 33
R5013	1-218-935-81	s	RES, CHIP 33
R5014	1-218-935-81	s	RES, CHIP 33
R5015	1-218-935-81	s	RES, CHIP 33
R5016	1-218-939-81	s	RES, CHIP 68
R5017	1-218-939-81	s	RES, CHIP 68
R5018	1-218-939-81	s	RES, CHIP 68
R5019	1-218-939-81	s	RES, CHIP 68
R5020	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5021	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5022	1-218-990-81	s	CONDUCTOR, CHIP (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R5023	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5024	1-218-935-81	s	RES, CHIP 33
R5025	1-218-933-81	s	RES, CHIP 22
R5026	1-218-933-81	s	RES, CHIP 22
R5027	1-218-933-81	s	RES, CHIP 22
R5028	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5029	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R5030	1-218-933-81	s	RES, CHIP 22
R5031	1-218-933-81	s	RES, CHIP 22
R5032	1-218-933-81	s	RES, CHIP 22
R5033	1-218-933-81	s	RES, CHIP 22
R5034	1-218-937-81	s	RES, CHIP 47
R5035	1-218-937-81	s	RES, CHIP 47
R5036	1-218-937-81	s	RES, CHIP 47
R5037	1-218-937-81	s	RES, CHIP 47
R5038	1-218-933-81	s	RES, CHIP 22
R5039	1-218-937-81	s	RES, CHIP 47
R5040	1-218-937-81	s	RES, CHIP 47
R5041	1-218-937-81	s	RES, CHIP 47
R5043	1-218-933-81	s	RES, CHIP 22
R5044	1-218-933-81	s	RES, CHIP 22
R5045	1-218-933-81	s	RES, CHIP 22
R5046	1-218-933-81	s	RES, CHIP 22
R5048	1-218-939-81	s	RES, CHIP 68
R5049	1-218-939-81	s	RES, CHIP 68
R5050	1-218-939-81	s	RES, CHIP 68
R5051	1-218-939-81	s	RES, CHIP 68
R5052	1-218-933-81	s	RES, CHIP 22
R5053	1-218-933-81	s	RES, CHIP 22
R5054	1-218-933-81	s	RES, CHIP 22
R5055	1-218-933-81	s	RES, CHIP 22
R5056	1-218-937-81	s	RES, CHIP 47
R5057	1-218-937-81	s	RES, CHIP 47
R5058	1-218-937-81	s	RES, CHIP 47
R5059	1-218-937-81	s	RES, CHIP 47
R5060	1-218-933-81	s	RES, CHIP 22
R5061	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5062	1-216-295-91	s	CONDUCTOR, CHIP (2012)
R5065	1-208-911-81	s	RES, CHIP 10K (1005)
R5066	1-208-911-81	s	RES, CHIP 10K (1005)
R5067	1-218-977-81	s	RES, CHIP 100K
R5068	1-208-911-81	s	RES, CHIP 10K (1005)
R5069	1-208-911-81	s	RES, CHIP 10K (1005)
R5070	1-218-977-81	s	RES, CHIP 100K
R5502	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5503	1-218-933-81	s	RES, CHIP 22
R5504	1-218-933-81	s	RES, CHIP 22
R5505	1-218-933-81	s	RES, CHIP 22
R5506	1-218-933-81	s	RES, CHIP 22
R5507	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5508	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5509	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5510	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5511	1-218-977-81	s	RES, CHIP 100K
R5512	1-218-965-81	s	RES, CHIP 10K 1005
R5513	1-218-965-81	s	RES, CHIP 10K 1005
R5518	1-218-965-81	s	RES, CHIP 10K 1005
R5521	1-218-965-81	s	RES, CHIP 10K 1005
R5522	1-218-941-81	s	RES, CHIP 100

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Ref. No. or Q'ty	Part No.	SP	Description
R5523	1-218-941-81	s	RES, CHIP 100
R5524	1-218-965-81	s	RES, CHIP 10K 1005
R5525	1-218-965-81	s	RES, CHIP 10K 1005
R5526	1-218-965-81	s	RES, CHIP 10K 1005
R5527	1-218-965-81	s	RES, CHIP 10K 1005
R5529	1-218-965-81	s	RES, CHIP 10K 1005
R5530	1-218-965-81	s	RES, CHIP 10K 1005
R5531	1-218-965-81	s	RES, CHIP 10K 1005
R5532	1-218-953-81	s	RES, CHIP 1.0K
R5533	1-218-929-81	s	RES, CHIP 10
R5534	1-218-933-81	s	RES, CHIP 22
R5535	1-218-933-81	s	RES, CHIP 22
R5536	1-218-933-81	s	RES, CHIP 22
R5537	1-218-933-81	s	RES, CHIP 22
R5538	1-218-933-81	s	RES, CHIP 22
R5539	1-218-933-81	s	RES, CHIP 22
R5540	1-218-933-81	s	RES, CHIP 22
R5541	1-218-933-81	s	RES, CHIP 22
R5542	1-218-933-81	s	RES, CHIP 22
R5543	1-218-933-81	s	RES, CHIP 22
R5544	1-218-933-81	s	RES, CHIP 22
R5545	1-218-933-81	s	RES, CHIP 22
R5546	1-218-973-81	s	RES, CHIP 47K
R5547	1-218-929-81	s	RES, CHIP 10
R5548	1-218-933-81	s	RES, CHIP 22
R5549	1-218-933-81	s	RES, CHIP 22
R5550	1-218-933-81	s	RES, CHIP 22
R5551	1-218-933-81	s	RES, CHIP 22
R5552	1-218-933-81	s	RES, CHIP 22
R5553	1-218-933-81	s	RES, CHIP 22
R5554	1-218-933-81	s	RES, CHIP 22
R5555	1-218-933-81	s	RES, CHIP 22
R5556	1-218-933-81	s	RES, CHIP 22
R5557	1-218-933-81	s	RES, CHIP 22
R5558	1-218-933-81	s	RES, CHIP 22
R5559	1-218-933-81	s	RES, CHIP 22
R5560	1-218-973-81	s	RES, CHIP 47K
R5561	1-218-965-81	s	RES, CHIP 10K 1005
R5562	1-218-965-81	s	RES, CHIP 10K 1005
R5563	1-218-929-81	s	RES, CHIP 10
R5564	1-218-929-81	s	RES, CHIP 10
R5565	1-218-929-81	s	RES, CHIP 10
R5566	1-218-929-81	s	RES, CHIP 10
R5569	1-208-907-81	s	RES, CHIP 6.8K (1005)
R5570	1-208-923-81	s	RES, CHIP 33K (1005)
R5571	1-208-889-81	s	RES, CHIP 1.2K (1005)
R5572	1-218-965-81	s	RES, CHIP 10K 1005
R5573	1-218-965-81	s	RES, CHIP 10K 1005
R5574	1-218-929-81	s	RES, CHIP 10
R5575	1-218-929-81	s	RES, CHIP 10
R5576	1-218-929-81	s	RES, CHIP 10
R5579	1-218-929-81	s	RES, CHIP 10
R6001	1-218-933-81	s	RES, CHIP 22
R6002	1-218-933-81	s	RES, CHIP 22
R6003	1-218-933-81	s	RES, CHIP 22
R6004	1-218-933-81	s	RES, CHIP 22
R6005	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6006	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6007	1-218-990-81	s	CONDUCTOR, CHIP (1005)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R6008	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6009	1-218-977-81	s	RES, CHIP 100K
R6010	1-218-965-81	s	RES, CHIP 10K 1005
R6011	1-218-965-81	s	RES, CHIP 10K 1005
R6015	1-218-965-81	s	RES, CHIP 10K 1005
R6016	1-218-965-81	s	RES, CHIP 10K 1005
R6017	1-218-965-81	s	RES, CHIP 10K 1005
R6019	1-218-965-81	s	RES, CHIP 10K 1005
R6020	1-218-941-81	s	RES, CHIP 100
R6021	1-218-941-81	s	RES, CHIP 100
R6025	1-218-965-81	s	RES, CHIP 10K 1005
R6026	1-218-965-81	s	RES, CHIP 10K 1005
R6027	1-218-965-81	s	RES, CHIP 10K 1005
R6028	1-218-965-81	s	RES, CHIP 10K 1005
R6029	1-218-965-81	s	RES, CHIP 10K 1005
R6030	1-218-929-81	s	RES, CHIP 10
R6031	1-218-933-81	s	RES, CHIP 22
R6032	1-218-933-81	s	RES, CHIP 22
R6033	1-218-933-81	s	RES, CHIP 22
R6034	1-218-933-81	s	RES, CHIP 22
R6035	1-218-933-81	s	RES, CHIP 22
R6036	1-218-933-81	s	RES, CHIP 22
R6037	1-218-933-81	s	RES, CHIP 22
R6038	1-218-933-81	s	RES, CHIP 22
R6039	1-218-933-81	s	RES, CHIP 22
R6040	1-218-933-81	s	RES, CHIP 22
R6041	1-218-933-81	s	RES, CHIP 22
R6042	1-218-933-81	s	RES, CHIP 22
R6043	1-218-933-81	s	RES, CHIP 22
R6044	1-218-933-81	s	RES, CHIP 22
R6045	1-218-933-81	s	RES, CHIP 22
R6046	1-218-933-81	s	RES, CHIP 22
R6047	1-218-933-81	s	RES, CHIP 22
R6048	1-218-933-81	s	RES, CHIP 22
R6049	1-218-929-81	s	RES, CHIP 10
R6050	1-218-933-81	s	RES, CHIP 22
R6051	1-218-933-81	s	RES, CHIP 22
R6052	1-218-933-81	s	RES, CHIP 22
R6053	1-218-933-81	s	RES, CHIP 22
R6054	1-218-933-81	s	RES, CHIP 22
R6055	1-218-933-81	s	RES, CHIP 22
R6056	1-218-973-81	s	RES, CHIP 47K
R6057	1-218-973-81	s	RES, CHIP 47K
R6059	1-218-977-81	s	RES, CHIP 100K
R6060	1-218-965-81	s	RES, CHIP 10K 1005
R6061	1-218-965-81	s	RES, CHIP 10K 1005
R6062	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R6063	1-218-977-81	s	RES, CHIP 100K
R6064	1-218-965-81	s	RES, CHIP 10K 1005
R6065	1-218-965-81	s	RES, CHIP 10K 1005
R6066	1-218-977-81	s	RES, CHIP 100K
R6068	1-218-929-81	s	RES, CHIP 10
R6069	1-218-929-81	s	RES, CHIP 10
R6070	1-218-961-81	s	RES, CHIP 4.7K
R6071	1-218-961-81	s	RES, CHIP 4.7K
R6072	1-218-929-81	s	RES, CHIP 10
R6073	1-216-821-91	s	RES, CHIP 1.0K (1608)
R6074	1-218-957-81	s	RES, CHIP 2.2K
R6075	1-218-929-81	s	RES, CHIP 10

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Ref. No. or Q'ty	Part No.	SP	Description
R6076	1-218-929-81	s	RES, CHIP 10
R6077	1-218-977-81	s	RES, CHIP 100K
R6078	1-216-817-91	s	RES, CHIP 470 (1608)
R6079	1-218-965-81	s	RES, CHIP 10K 1005
R6082	1-218-977-81	s	RES, CHIP 100K
R6083	1-208-907-81	s	RES, CHIP 6.8K (1005)
R6084	1-218-973-81	s	RES, CHIP 47K
R6085	1-218-973-81	s	RES, CHIP 47K
R6086	1-208-889-81	s	RES, CHIP 1.2K (1005)
R6087	1-208-923-81	s	RES, CHIP 33K (1005)
R6088	1-218-977-81	s	RES, CHIP 100K
R6089	1-218-941-81	s	RES, CHIP 100
R6090	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R6092	1-218-965-81	s	RES, CHIP 10K 1005
R6093	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6095	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R6096	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R6097	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6102	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6103	1-218-965-81	s	RES, CHIP 10K 1005
R6104	1-218-965-81	s	RES, CHIP 10K 1005
R6107	1-218-965-81	s	RES, CHIP 10K 1005
R6108	1-218-965-81	s	RES, CHIP 10K 1005
R6109	1-218-929-81	s	RES, CHIP 10
R6110	1-218-929-81	s	RES, CHIP 10
R6111	1-218-929-81	s	RES, CHIP 10
R6112	1-218-969-81	s	RES, CHIP 22K
R6113	1-218-969-81	s	RES, CHIP 22K
R6114	1-218-937-81	s	RES, CHIP 47
R6115	1-218-937-81	s	RES, CHIP 47
R6116	1-218-937-81	s	RES, CHIP 47
R6117	1-218-957-81	s	RES, CHIP 2.2K
R6118	1-218-957-81	s	RES, CHIP 2.2K
R6502	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6503	1-218-933-81	s	RES, CHIP 22
R6504	1-218-933-81	s	RES, CHIP 22
R6505	1-218-933-81	s	RES, CHIP 22
R6506	1-218-933-81	s	RES, CHIP 22
R6507	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6508	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6509	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6510	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R6511	1-218-977-81	s	RES, CHIP 100K
R6512	1-218-965-81	s	RES, CHIP 10K 1005
R6513	1-218-965-81	s	RES, CHIP 10K 1005
R6516	1-218-965-81	s	RES, CHIP 10K 1005
R6518	1-218-965-81	s	RES, CHIP 10K 1005
R6519	1-218-965-81	s	RES, CHIP 10K 1005
R6520	1-218-965-81	s	RES, CHIP 10K 1005
R6521	1-218-965-81	s	RES, CHIP 10K 1005
R6522	1-218-941-81	s	RES, CHIP 100
R6523	1-218-941-81	s	RES, CHIP 100
R6528	1-218-965-81	s	RES, CHIP 10K 1005
R6529	1-218-965-81	s	RES, CHIP 10K 1005
R6530	1-218-965-81	s	RES, CHIP 10K 1005
R6531	1-218-965-81	s	RES, CHIP 10K 1005
R6532	1-218-953-81	s	RES, CHIP 1.0K
R6533	1-218-929-81	s	RES, CHIP 10
R6534	1-218-933-81	s	RES, CHIP 22

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Ref. No. or Q'ty	Part No.	SP	Description
R6535	1-218-933-81	s	RES, CHIP 22
R6536	1-218-933-81	s	RES, CHIP 22
R6537	1-218-933-81	s	RES, CHIP 22
R6538	1-218-933-81	s	RES, CHIP 22
R6539	1-218-933-81	s	RES, CHIP 22
R6540	1-218-933-81	s	RES, CHIP 22
R6541	1-218-933-81	s	RES, CHIP 22
R6542	1-218-933-81	s	RES, CHIP 22
R6543	1-218-933-81	s	RES, CHIP 22
R6544	1-218-933-81	s	RES, CHIP 22
R6545	1-218-933-81	s	RES, CHIP 22
R6546	1-218-933-81	s	RES, CHIP 22
R6547	1-218-933-81	s	RES, CHIP 22
R6548	1-218-933-81	s	RES, CHIP 22
R6549	1-218-933-81	s	RES, CHIP 22
R6550	1-218-933-81	s	RES, CHIP 22
R6551	1-218-933-81	s	RES, CHIP 22
R6552	1-218-933-81	s	RES, CHIP 22
R6553	1-218-933-81	s	RES, CHIP 22
R6554	1-218-933-81	s	RES, CHIP 22
R6555	1-218-933-81	s	RES, CHIP 22
R6556	1-218-933-81	s	RES, CHIP 22
R6557	1-218-933-81	s	RES, CHIP 22
R6558	1-218-929-81	s	RES, CHIP 10
R6559	1-218-973-81	s	RES, CHIP 47K
R6560	1-218-973-81	s	RES, CHIP 47K
R6561	1-218-965-81	s	RES, CHIP 10K 1005
R6562	1-218-965-81	s	RES, CHIP 10K 1005
R6563	1-218-965-81	s	RES, CHIP 10K 1005
R6564	1-218-965-81	s	RES, CHIP 10K 1005
R6565	1-218-929-81	s	RES, CHIP 10
R6566	1-218-929-81	s	RES, CHIP 10
R6567	1-218-929-81	s	RES, CHIP 10
R6568	1-218-929-81	s	RES, CHIP 10
R6569	1-218-929-81	s	RES, CHIP 10
R6570	1-218-929-81	s	RES, CHIP 10
R6571	1-218-929-81	s	RES, CHIP 10
R6574	1-208-907-81	s	RES, CHIP 6.8K (1005)
R6575	1-208-923-81	s	RES, CHIP 33K (1005)
R6576	1-208-889-81	s	RES, CHIP 1.2K (1005)
R6579	1-218-929-81	s	RES, CHIP 10
R7001	1-218-933-81	s	RES, CHIP 22
R7002	1-218-933-81	s	RES, CHIP 22
R7003	1-218-933-81	s	RES, CHIP 22
R7004	1-218-933-81	s	RES, CHIP 22
R7005	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7006	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7007	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7008	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7009	1-218-965-81	s	RES, CHIP 10K 1005
R7010	1-218-965-81	s	RES, CHIP 10K 1005
R7011	1-218-965-81	s	RES, CHIP 10K 1005
R7012	1-218-965-81	s	RES, CHIP 10K 1005
R7015	1-218-965-81	s	RES, CHIP 10K 1005
R7018	1-218-965-81	s	RES, CHIP 10K 1005
R7019	1-218-941-81	s	RES, CHIP 100
R7020	1-218-941-81	s	RES, CHIP 100
R7021	1-218-965-81	s	RES, CHIP 10K 1005
R7022	1-218-965-81	s	RES, CHIP 10K 1005

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Ref. No. or Q'ty	Part No.	SP	Description
R7023	1-218-965-81	s	RES, CHIP 10K 1005
R7027	1-218-965-81	s	RES, CHIP 10K 1005
R7028	1-218-965-81	s	RES, CHIP 10K 1005
R7029	1-218-929-81	s	RES, CHIP 10
R7030	1-218-933-81	s	RES, CHIP 22
R7031	1-218-933-81	s	RES, CHIP 22
R7032	1-218-933-81	s	RES, CHIP 22
R7033	1-218-933-81	s	RES, CHIP 22
R7034	1-218-933-81	s	RES, CHIP 22
R7035	1-218-933-81	s	RES, CHIP 22
R7036	1-218-933-81	s	RES, CHIP 22
R7037	1-218-933-81	s	RES, CHIP 22
R7038	1-218-933-81	s	RES, CHIP 22
R7039	1-218-933-81	s	RES, CHIP 22
R7040	1-218-933-81	s	RES, CHIP 22
R7041	1-218-933-81	s	RES, CHIP 22
R7042	1-218-933-81	s	RES, CHIP 22
R7043	1-218-933-81	s	RES, CHIP 22
R7044	1-218-933-81	s	RES, CHIP 22
R7045	1-218-933-81	s	RES, CHIP 22
R7046	1-218-933-81	s	RES, CHIP 22
R7047	1-218-933-81	s	RES, CHIP 22
R7048	1-218-929-81	s	RES, CHIP 10
R7049	1-218-933-81	s	RES, CHIP 22
R7050	1-218-933-81	s	RES, CHIP 22
R7051	1-218-933-81	s	RES, CHIP 22
R7052	1-218-933-81	s	RES, CHIP 22
R7053	1-218-933-81	s	RES, CHIP 22
R7054	1-218-933-81	s	RES, CHIP 22
R7055	1-218-973-81	s	RES, CHIP 47K
R7056	1-218-973-81	s	RES, CHIP 47K
R7058	1-218-965-81	s	RES, CHIP 10K 1005
R7059	1-218-965-81	s	RES, CHIP 10K 1005
R7060	1-218-929-81	s	RES, CHIP 10
R7061	1-218-929-81	s	RES, CHIP 10
R7062	1-218-929-81	s	RES, CHIP 10
R7063	1-218-929-81	s	RES, CHIP 10
R7067	1-218-961-81	s	RES, CHIP 4.7K
R7068	1-218-961-81	s	RES, CHIP 4.7K
R7069	1-218-957-81	s	RES, CHIP 2.2K
R7070	1-208-907-81	s	RES, CHIP 6.8K (1005)
R7071	1-218-929-81	s	RES, CHIP 10
R7072	1-208-889-81	s	RES, CHIP 1.2K (1005)
R7073	1-208-923-81	s	RES, CHIP 33K (1005)
R7074	1-218-953-81	s	RES, CHIP 1.0K
R7075	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R7077	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7079	1-218-965-81	s	RES, CHIP 10K 1005
R7080	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R7081	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R7082	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7087	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7090	1-218-965-81	s	RES, CHIP 10K 1005
R7091	1-218-965-81	s	RES, CHIP 10K 1005
R7092	1-218-929-81	s	RES, CHIP 10
R7093	1-218-929-81	s	RES, CHIP 10
R7094	1-218-929-81	s	RES, CHIP 10
R7502	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7503	1-218-933-81	s	RES, CHIP 22

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Ref. No. or Q'ty	Part No.	SP	Description
R7504	1-218-933-81	s	RES, CHIP 22
R7505	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7506	1-218-933-81	s	RES, CHIP 22
R7507	1-218-933-81	s	RES, CHIP 22
R7508	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7509	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7510	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R7511	1-218-977-81	s	RES, CHIP 100K
R7512	1-218-965-81	s	RES, CHIP 10K 1005
R7513	1-218-965-81	s	RES, CHIP 10K 1005
R7514	1-218-965-81	s	RES, CHIP 10K 1005
R7515	1-218-965-81	s	RES, CHIP 10K 1005
R7517	1-218-965-81	s	RES, CHIP 10K 1005
R7518	1-218-965-81	s	RES, CHIP 10K 1005
R7521	1-218-965-81	s	RES, CHIP 10K 1005
R7522	1-218-941-81	s	RES, CHIP 100
R7523	1-218-941-81	s	RES, CHIP 100
R7524	1-218-965-81	s	RES, CHIP 10K 1005
R7527	1-218-965-81	s	RES, CHIP 10K 1005
R7530	1-218-965-81	s	RES, CHIP 10K 1005
R7531	1-218-965-81	s	RES, CHIP 10K 1005
R7532	1-218-953-81	s	RES, CHIP 1.0K
R7533	1-218-973-81	s	RES, CHIP 47K
R7534	1-218-929-81	s	RES, CHIP 10
R7535	1-218-933-81	s	RES, CHIP 22
R7536	1-218-933-81	s	RES, CHIP 22
R7537	1-218-933-81	s	RES, CHIP 22
R7538	1-218-933-81	s	RES, CHIP 22
R7539	1-218-933-81	s	RES, CHIP 22
R7540	1-218-933-81	s	RES, CHIP 22
R7541	1-218-933-81	s	RES, CHIP 22
R7542	1-218-933-81	s	RES, CHIP 22
R7543	1-218-933-81	s	RES, CHIP 22
R7544	1-218-933-81	s	RES, CHIP 22
R7545	1-218-933-81	s	RES, CHIP 22
R7546	1-218-933-81	s	RES, CHIP 22
R7547	1-218-933-81	s	RES, CHIP 22
R7548	1-218-933-81	s	RES, CHIP 22
R7549	1-218-933-81	s	RES, CHIP 22
R7550	1-218-933-81	s	RES, CHIP 22
R7551	1-218-933-81	s	RES, CHIP 22
R7552	1-218-933-81	s	RES, CHIP 22
R7553	1-218-933-81	s	RES, CHIP 22
R7554	1-218-933-81	s	RES, CHIP 22
R7555	1-218-933-81	s	RES, CHIP 22
R7556	1-218-933-81	s	RES, CHIP 22
R7557	1-218-933-81	s	RES, CHIP 22
R7558	1-218-933-81	s	RES, CHIP 22
R7559	1-218-929-81	s	RES, CHIP 10
R7560	1-218-973-81	s	RES, CHIP 47K
R7561	1-218-965-81	s	RES, CHIP 10K 1005
R7562	1-218-965-81	s	RES, CHIP 10K 1005
R7563	1-218-965-81	s	RES, CHIP 10K 1005
R7564	1-218-965-81	s	RES, CHIP 10K 1005
R7565	1-218-929-81	s	RES, CHIP 10
R7566	1-218-929-81	s	RES, CHIP 10
R7567	1-218-929-81	s	RES, CHIP 10
R7568	1-218-929-81	s	RES, CHIP 10
R7569	1-218-929-81	s	RES, CHIP 10

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Ref. No. or Q'ty	Part No.	SP	Description
R7570	1-218-929-81	s	RES, CHIP 10
R7571	1-218-929-81	s	RES, CHIP 10
R7574	1-208-907-81	s	RES, CHIP 6.8K (1005)
R7575	1-208-923-81	s	RES, CHIP 33K (1005)
R7576	1-208-889-81	s	RES, CHIP 1.2K (1005)
R7579	1-218-929-81	s	RES, CHIP 10
R8001	1-218-933-81	s	RES, CHIP 22
R8002	1-218-933-81	s	RES, CHIP 22
R8003	1-218-933-81	s	RES, CHIP 22
R8004	1-218-933-81	s	RES, CHIP 22
R8005	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8006	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8007	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8008	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8009	1-218-977-81	s	RES, CHIP 100K
R8010	1-218-965-81	s	RES, CHIP 10K 1005
R8011	1-218-965-81	s	RES, CHIP 10K 1005
R8012	1-218-965-81	s	RES, CHIP 10K 1005
R8013	1-218-965-81	s	RES, CHIP 10K 1005
R8015	1-218-965-81	s	RES, CHIP 10K 1005
R8016	1-218-965-81	s	RES, CHIP 10K 1005
R8017	1-218-965-81	s	RES, CHIP 10K 1005
R8019	1-218-965-81	s	RES, CHIP 10K 1005
R8020	1-218-941-81	s	RES, CHIP 100
R8021	1-218-941-81	s	RES, CHIP 100
R8025	1-218-965-81	s	RES, CHIP 10K 1005
R8028	1-218-965-81	s	RES, CHIP 10K 1005
R8029	1-218-965-81	s	RES, CHIP 10K 1005
R8030	1-218-929-81	s	RES, CHIP 10
R8031	1-218-933-81	s	RES, CHIP 22
R8032	1-218-933-81	s	RES, CHIP 22
R8033	1-218-933-81	s	RES, CHIP 22
R8034	1-218-933-81	s	RES, CHIP 22
R8035	1-218-933-81	s	RES, CHIP 22
R8036	1-218-933-81	s	RES, CHIP 22
R8037	1-218-933-81	s	RES, CHIP 22
R8038	1-218-933-81	s	RES, CHIP 22
R8039	1-218-933-81	s	RES, CHIP 22
R8040	1-218-933-81	s	RES, CHIP 22
R8041	1-218-933-81	s	RES, CHIP 22
R8042	1-218-933-81	s	RES, CHIP 22
R8043	1-218-933-81	s	RES, CHIP 22
R8044	1-218-933-81	s	RES, CHIP 22
R8045	1-218-933-81	s	RES, CHIP 22
R8046	1-218-933-81	s	RES, CHIP 22
R8047	1-218-933-81	s	RES, CHIP 22
R8048	1-218-933-81	s	RES, CHIP 22
R8049	1-218-929-81	s	RES, CHIP 10
R8050	1-218-933-81	s	RES, CHIP 22
R8051	1-218-933-81	s	RES, CHIP 22
R8052	1-218-933-81	s	RES, CHIP 22
R8053	1-218-933-81	s	RES, CHIP 22
R8054	1-218-933-81	s	RES, CHIP 22
R8055	1-218-933-81	s	RES, CHIP 22
R8056	1-218-973-81	s	RES, CHIP 47K
R8057	1-218-973-81	s	RES, CHIP 47K
R8059	1-218-965-81	s	RES, CHIP 10K 1005
R8060	1-218-965-81	s	RES, CHIP 10K 1005
R8061	1-218-929-81	s	RES, CHIP 10

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R8062	1-218-929-81	s	RES, CHIP 10
R8063	1-218-929-81	s	RES, CHIP 10
R8064	1-218-929-81	s	RES, CHIP 10
R8066	1-218-961-81	s	RES, CHIP 4.7K
R8067	1-218-961-81	s	RES, CHIP 4.7K
R8070	1-218-957-81	s	RES, CHIP 2.2K
R8071	1-218-929-81	s	RES, CHIP 10
R8072	1-208-907-81	s	RES, CHIP 6.8K (1005)
R8073	1-208-889-81	s	RES, CHIP 1.2K (1005)
R8074	1-208-923-81	s	RES, CHIP 33K (1005)
R8075	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R8077	1-218-965-81	s	RES, CHIP 10K 1005
R8078	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R8079	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R8081	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8082	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8087	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R8090	1-218-965-81	s	RES, CHIP 10K 1005
R8091	1-218-965-81	s	RES, CHIP 10K 1005
R8092	1-218-929-81	s	RES, CHIP 10
R8093	1-218-929-81	s	RES, CHIP 10
R8094	1-218-929-81	s	RES, CHIP 10
RB1501	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB1502	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB1503	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2501	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2502	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2503	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2504	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2505	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2506	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2507	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2508	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2509	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2510	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2511	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2512	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2513	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB2514	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB2515	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB2516	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB2517	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB2518	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB2519	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2520	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2521	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2522	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2523	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2524	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2525	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2526	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2527	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2528	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2529	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2530	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2531	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB2532	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB2533	1-234-372-21	s	RES, NETWORK 100 (1005X4)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB2534	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB2535	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB2536	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB2537	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2538	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2539	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB2540	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2541	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB2542	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB2543	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB2544	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2545	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2546	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2547	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2548	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2549	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2550	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2551	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2552	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB2553	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2554	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3501	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB3502	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB3503	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB3504	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3505	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3506	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3507	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3508	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3509	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3510	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3511	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3512	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3513	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3514	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3515	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3516	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3517	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3518	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3519	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3520	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3521	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3522	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3523	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3524	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3525	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3526	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3527	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3528	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3529	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3530	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3531	1-234-710-21	s	RES, CHIP NETWORK 47X8 (3816)
RB3532	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3533	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3534	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3535	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3536	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3537	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3538	1-234-371-21	s	RES, NETWORK 47 (1005X4)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB3539	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3540	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3541	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3542	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3543	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3544	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3545	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3546	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3547	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3548	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3549	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3550	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3551	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB3552	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3553	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3554	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3555	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB3556	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB4001	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4002	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4003	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4004	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4005	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4006	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4007	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4008	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4009	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4010	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4011	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4012	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4013	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4014	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4015	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4016	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4017	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4018	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4019	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4020	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4021	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4022	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4023	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4024	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4025	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4026	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4027	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4028	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4029	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4030	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4031	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4032	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4033	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4034	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4035	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4036	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4037	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB4038	1-234-379-21	s	RES, NETWORK 22K (1005X4)
RB4039	1-234-375-21	s	RES, NETWORK 1K (1005X4)
RB4040	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4041	1-234-375-21	s	RES, NETWORK 1K (1005X4)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB4042	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB4043	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4044	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4045	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4046	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4047	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4048	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4049	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4050	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4051	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4052	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB4053	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB4054	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB5001	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB5002	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB5003	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB5004	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5005	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5006	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5007	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5008	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5009	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5010	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5011	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5012	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5013	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5014	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5015	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5016	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5017	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5018	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5019	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5020	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5021	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5022	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5023	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5024	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5025	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5026	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5027	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5028	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5029	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5030	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5031	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5032	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5033	1-234-710-21	s	RES, CHIP NETWORK 47X8 (3816)
RB5034	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5035	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5036	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5037	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5038	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5039	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5040	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5041	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5042	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5043	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5044	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5045	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5046	1-234-370-21	s	RES, NETWORK 22 (1005X4)

(CA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB5047	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5048	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5049	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5050	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5051	1-234-371-21	s	RES, NETWORK 47 (1005X4)
RB5052	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5053	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5054	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5055	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5056	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5501	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB5502	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB6001	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB6002	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB6501	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB6502	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB7001	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB7002	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB7501	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB7502	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB8001	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB8002	1-234-370-21	s	RES, NETWORK 22 (1005X4)
TH1001	1-804-949-11	s	THERMISTOR, NTC (SMD)
X2501	1-814-359-11	s	QUARTZ CRYSTAL UNIT (33.3 MHz)
X4001	1-814-359-11	s	QUARTZ CRYSTAL UNIT (33.3 MHz)

CB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1803-425-A	s	MOUNTED CIRCUIT BOARD, CB
C1000	1-100-911-11	s	CAP, CERAMIC 4.7MF X7R (3216)
C1001	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1002	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1003	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C1004	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1005	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1006	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1007	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C1008	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C1010	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1011	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1012	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1013	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1014	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1015	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1016	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1017	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1018	1-112-779-11	s	CAP, CERAMIC 0.047MF X7R 1005
C1019	1-114-807-11	s	CAP, CERAMIC 0.015UF X7R 1005
C1020	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C1021	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C1023	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C3000	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C3001	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3002	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3003	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C3004	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C3005	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3006	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C3007	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3008	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3009	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3010	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3011	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3012	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3013	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3014	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3015	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3016	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3017	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3018	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3019	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3020	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3021	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3022	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3023	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3024	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3025	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3026	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3027	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3028	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3029	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3030	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3031	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3032	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3033	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3034	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C3035	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3036	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3037	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3038	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3039	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3040	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3041	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3042	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3043	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3044	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3045	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C3046	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C3047	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3048	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3049	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3050	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3055	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C3058	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3061	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3070	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3071	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3072	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C3075	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3076	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3077	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3080	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3081	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3082	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3083	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3084	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3085	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3086	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3087	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3088	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3089	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3090	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C3098	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3099	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3100	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C3103	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C3104	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4000	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4001	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4002	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4003	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4004	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4005	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4006	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4007	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4008	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4009	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4010	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4011	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4012	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4013	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4014	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4015	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4016	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4017	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C4018	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4019	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4020	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4021	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4022	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4023	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4024	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4025	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4026	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4027	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4028	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4031	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C4032	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C4033	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4034	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4035	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4036	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4037	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4038	1-114-802-11	s	CAP, CERAMIC 3300PF X7R 1005
C4039	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4040	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4041	1-114-802-11	s	CAP, CERAMIC 3300PF X7R 1005
C4042	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4043	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4044	1-114-802-11	s	CAP, CERAMIC 3300PF X7R 1005
C4045	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4046	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4047	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4048	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4049	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4050	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4051	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4052	1-114-802-11	s	CAP, CERAMIC 3300PF X7R 1005
C4053	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4054	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4055	1-114-802-11	s	CAP, CERAMIC 3300PF X7R 1005
C4056	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4081	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C4083	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4084	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4085	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C4086	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4090	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4094	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4096	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4098	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4100	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4102	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4104	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4106	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4108	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4110	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4112	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C4122	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4123	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C4124	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C5008	1-100-907-11	s	CAP,CERAMIC 0.1MF X7R 1005
C5009	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005
C5010	1-164-847-81	s	CAP, CHIP CERAMIC 7PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C5011	1-100-907-11	s	CAP,CERAMIC 0.1MF X7R 1005
C5012	1-100-907-11	s	CAP,CERAMIC 0.1MF X7R 1005
CN2000	1-821-388-11	o	CONNECTOR (RECEPTACLE,LVDS)51P
D1000	6-502-961-01	s	DI DA2J10100L
D1001	6-502-961-01	s	DI DA2J10100L
D1002	6-502-961-01	s	DI DA2J10100L
D1003	6-502-961-01	s	DI DA2J10100L
ET1001	1-780-638-22	s	CONTACT TERMINAL
ET1002	1-694-802-21	s	CONTACT TERMINAL
FB1000	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1001	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1002	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1003	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1004	1-400-179-21	s	INDUCTOR, EMI FERRITE (1608)
FB1005	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB2000	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2001	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2002	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2003	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2004	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2005	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2006	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2007	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2008	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB2009	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB3000	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB3001	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB3002	1-400-461-21	s	FERRITE, EMI (SMD) (1005)
FB3003	1-400-461-21	s	FERRITE, EMI (SMD) (1005)
FB5001	1-400-461-21	s	FERRITE, EMI (SMD) (1005)
FB5002	1-400-461-21	s	FERRITE, EMI (SMD) (1005)
FB5003	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FL3000	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL3001	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL3002	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
FL3003	1-234-939-21	s	FILTER, EMI REMOVAL (SMD)
IC1000	8-759-338-95	s	IC NJM2903V(TE2)
IC1001	6-714-911-01	s	IC TPS54325PWPR
IC1003	6-714-935-01	s	IC TPS54225PWPR
IC1004	6-714-911-01	s	IC TPS54325PWPR
IC5002	6-714-154-01	s	IC R1EX24256ASAS0A
IC5003	6-710-379-01	s	IC 74LVC1G3157GW-125
L1000	1-457-455-11	s	CHOKE COIL 10UH
L1001	1-457-455-11	s	CHOKE COIL 10UH
L1002	1-457-873-11	s	CHOKE COIL 4.7UH
Q1000	6-551-997-01	s	TR TPC6109-H
Q5000	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q5001	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
R1000	1-218-977-81	s	RES, CHIP 100K
R1001	1-218-981-81	s	RES, CHIP 220K
R1002	1-218-953-81	s	RES, CHIP 1.0K
R1003	1-218-971-81	s	RES, CHIP 33K
R1004	1-218-969-81	s	RES, CHIP 22K
R1005	1-218-965-81	s	RES, CHIP 10K 1005
R1006	1-218-965-81	s	RES, CHIP 10K 1005

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Ref. No. or Q'ty	Part No.	SP	Description
R1007	1-218-959-81	s	RES, CHIP 3.3K
R1008	1-218-965-81	s	RES, CHIP 10K 1005
R1009	1-218-965-81	s	RES, CHIP 10K 1005
R1011	1-208-931-81	s	RES, CHIP 68K (1005)
R1012	1-208-908-81	s	RES, CHIP 7.5K (1005)
R1013	1-208-919-81	s	RES, CHIP 22K (1005)
R1015	1-218-965-81	s	RES, CHIP 10K 1005
R1016	1-218-965-81	s	RES, CHIP 10K 1005
R1019	1-208-921-81	s	RES, CHIP 27K (1005)
R1020	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1021	1-208-919-81	s	RES, CHIP 22K (1005)
R1022	1-208-911-81	s	RES, CHIP 10K (1005)
R1023	1-208-901-81	s	RES, CHIP 3.9K (1005)
R1024	1-208-919-81	s	RES, CHIP 22K (1005)
R2000	1-218-937-81	s	RES, CHIP 47
R2001	1-218-937-81	s	RES, CHIP 47
R2002	1-218-961-81	s	RES, CHIP 4.7K
R2003	1-218-961-81	s	RES, CHIP 4.7K
R2005	1-218-965-81	s	RES, CHIP 10K 1005
R2006	1-218-965-81	s	RES, CHIP 10K 1005
R2008	1-218-965-81	s	RES, CHIP 10K 1005
R2011	1-218-965-81	s	RES, CHIP 10K 1005
R2073	1-218-965-81	s	RES, CHIP 10K 1005
R2075	1-218-965-81	s	RES, CHIP 10K 1005
R2077	1-218-965-81	s	RES, CHIP 10K 1005
R2079	1-218-965-81	s	RES, CHIP 10K 1005
R4000	1-208-911-81	s	RES, CHIP 10K (1005)
R4001	1-208-911-81	s	RES, CHIP 10K (1005)
R4002	1-208-911-81	s	RES, CHIP 10K (1005)
R4003	1-208-911-81	s	RES, CHIP 10K (1005)
R4004	1-218-945-81	s	RES, CHIP 220
R4005	1-218-935-81	s	RES, CHIP 33
R4007	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4008	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R4018	1-208-911-81	s	RES, CHIP 10K (1005)
R4019	1-208-911-81	s	RES, CHIP 10K (1005)
R4020	1-220-882-81	s	RES, CHIP 33 (1005)
R4021	1-220-882-81	s	RES, CHIP 33 (1005)
R4022	1-218-961-81	s	RES, CHIP 4.7K
R4025	1-218-945-81	s	RES, CHIP 220
R4026	1-208-865-81	s	RES, CHIP 120 (1005)
R4027	1-208-865-81	s	RES, CHIP 120 (1005)
R5000	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5003	1-218-965-81	s	RES, CHIP 10K 1005
R5005	1-218-965-81	s	RES, CHIP 10K 1005
R5006	1-218-965-81	s	RES, CHIP 10K 1005
R5009	1-218-965-81	s	RES, CHIP 10K 1005
R5013	1-218-965-81	s	RES, CHIP 10K 1005
R5015	1-218-965-81	s	RES, CHIP 10K 1005
R5019	1-218-965-81	s	RES, CHIP 10K 1005
R5020	1-218-965-81	s	RES, CHIP 10K 1005
R5024	1-218-965-81	s	RES, CHIP 10K 1005
R5026	1-218-965-81	s	RES, CHIP 10K 1005
R5028	1-218-965-81	s	RES, CHIP 10K 1005
R5030	1-218-965-81	s	RES, CHIP 10K 1005
R5032	1-218-965-81	s	RES, CHIP 10K 1005
R5034	1-218-965-81	s	RES, CHIP 10K 1005
R5035	1-218-965-81	s	RES, CHIP 10K 1005
R5037	1-218-965-81	s	RES, CHIP 10K 1005

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Ref. No. or Q'ty	Part No.	SP	Description
R5039	1-218-965-81	s	RES, CHIP 10K 1005
R5042	1-218-965-81	s	RES, CHIP 10K 1005
R5044	1-218-965-81	s	RES, CHIP 10K 1005
R5046	1-218-965-81	s	RES, CHIP 10K 1005
R5050	1-218-965-81	s	RES, CHIP 10K 1005
R5051	1-218-965-81	s	RES, CHIP 10K 1005
R5052	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5053	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5055	1-218-965-81	s	RES, CHIP 10K 1005
R5056	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5059	1-218-989-81	s	RES, CHIP 1M
R5064	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5065	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5066	1-218-953-81	s	RES, CHIP 1.0K
R5067	1-218-957-81	s	RES, CHIP 2.2K
R5068	1-218-957-81	s	RES, CHIP 2.2K
R5069	1-218-957-81	s	RES, CHIP 2.2K
R5070	1-218-957-81	s	RES, CHIP 2.2K
R5071	1-218-953-81	s	RES, CHIP 1.0K
R5072	1-218-953-81	s	RES, CHIP 1.0K
R5074	1-218-941-81	s	RES, CHIP 100
R5075	1-218-941-81	s	RES, CHIP 100
R5077	1-218-965-81	s	RES, CHIP 10K 1005
R5079	1-218-965-81	s	RES, CHIP 10K 1005
R5080	1-218-965-81	s	RES, CHIP 10K 1005
R5083	1-218-965-81	s	RES, CHIP 10K 1005
R5084	1-218-965-81	s	RES, CHIP 10K 1005
R5087	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5088	1-218-965-81	s	RES, CHIP 10K 1005
R5089	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R5090	1-218-990-81	s	CONDUCTOR, CHIP (1005)
RB2000	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2001	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2002	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2003	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2004	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2005	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2006	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2007	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2008	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2009	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2010	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2011	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2012	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2013	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2014	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2015	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2016	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2017	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2018	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2019	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2020	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2021	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2022	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB2023	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB4000	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB4001	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB4002	1-242-963-21	s	RES, NETWORK 33 (1005X4)

(CB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB4003	1-242-963-21	s	RES, NETWORK 33 (1005X4)
RB4004	1-242-963-21	s	RES, NETWORK 33 (1005X4)
X5001	1-814-359-11	s	QUARTZ CRYSTAL UNIT (33.3 MHz)

EM BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1792-576-A	s	MOUNTED CIRCUIT BOARD, EM
C101	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C102	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
CN100	1-820-285-11	s	HEADER ASSEMBLY (PRINT PWB) 6P
CN101	1-820-285-11	s	HEADER ASSEMBLY (PRINT PWB) 6P
D100	6-503-482-01	s	DI OP1-8505P3
D101	6-503-482-01	s	DI OP1-8505P3
D102	6-503-482-01	s	DI OP1-8505P3
D103	6-503-482-01	s	DI OP1-8505P3
D104	6-503-482-01	s	DI OP1-8505P3
FB100	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
Q100	6-552-408-01	s	TR DSC500100L
Q101	6-552-077-01	o	TR RUE003N02TL
Q102	6-552-408-01	s	TR DSC500100L
Q103	6-552-077-01	o	TR RUE003N02TL
Q104	6-552-408-01	s	TR DSC500100L
Q105	6-552-077-01	o	TR RUE003N02TL
R100	1-218-971-81	s	RES, CHIP 33K
R101	1-208-895-81	s	RES, CHIP 2.2K (1005)
R103	1-208-901-81	s	RES, CHIP 3.9K (1005)
R104	1-220-878-81	s	RES, CHIP 22 (1005)
R105	1-220-878-81	s	RES, CHIP 22 (1005)
R106	1-220-878-81	s	RES, CHIP 22 (1005)
R108	1-218-971-81	s	RES, CHIP 33K
R109	1-208-895-81	s	RES, CHIP 2.2K (1005)
R111	1-208-901-81	s	RES, CHIP 3.9K (1005)
R112	1-220-878-81	s	RES, CHIP 22 (1005)
R113	1-220-878-81	s	RES, CHIP 22 (1005)
R114	1-220-878-81	s	RES, CHIP 22 (1005)
R116	1-218-971-81	s	RES, CHIP 33K
R117	1-208-895-81	s	RES, CHIP 2.2K (1005)
R119	1-208-901-81	s	RES, CHIP 3.9K (1005)
R120	1-220-878-81	s	RES, CHIP 22 (1005)
R121	1-220-878-81	s	RES, CHIP 22 (1005)
R123	1-208-855-81	s	RES, CHIP 47 (1005)

GA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1803-426-A	s	MOUNTED CIRCUIT BOARD, GA
C102	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C103	⚠ 1-100-780-31	s	CAP, ELECT 22MF
C104	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C105	1-107-902-91	s	CAP, ELECT 1.0MF
C106	⚠ 1-112-876-51	s	CAP, CERAMIC 470PF B
C107	⚠ 1-112-876-51	s	CAP, CERAMIC 470PF B
C108	1-100-139-31	s	CAP, PP FILM 0.001MF
C109	1-107-903-91	s	CAP, ELECT 2.2MF
C110	⚠ 1-165-530-31	s	CAP, PETP FILM (ACROSS) 0.47MF
C111	1-107-910-91	s	CAP, ELECT 100MF
C112	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C113	⚠ 1-112-876-51	s	CAP, CERAMIC 470PF B
C114	1-128-942-31	s	CAP, ELECT 1000MF
C115	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C116	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C117	⚠ 1-165-529-31	s	CAP, PETP FILM (ACROSS) 0.22MF
C118	1-100-915-11	s	CAP,METALIZED PE FILM 0.47MF
C119	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C120	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C122	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C123	⚠ 1-165-530-31	s	CAP, PETP FILM (ACROSS) 0.47MF
CN101	⚠ 1-691-961-11	s	PIN, CONNECTOR (PC BOARD) 3P
CN103	1-820-180-11	s	HEADER ASSEMBLY (PRINT PWB) 3P
CN104	1-819-472-11	o	HEADER ASSEMBLY FOR PWB 2P
CN105	1-820-181-11	s	HEADER ASSEMBLY (PRINT PWB) 4P
CN106	⚠ 1-691-960-21	s	PIN, CONNECTOR (PC BOARD) 3P
CN107	1-819-336-11	o	HEADER ASSEMBLY FOR PWB 3P
D101	⚠ 8-719-077-76	s	DIODE D2SB60A-F04
D103	6-502-380-01	s	DI AB01BV1
D104	6-502-961-01	s	DI DA2J10100L
D105	6-500-567-31	s	DIODE 10ERB20-TB3
D106	6-500-567-31	s	DIODE 10ERB20-TB3
D107	6-502-961-01	s	DI DA2J10100L
D108	6-501-526-01	s	DIODE D1NS6-TR2
D109	6-502-961-01	s	DI DA2J10100L
ET101	1-780-482-11	s	EARTH TERMINAL
ET103	1-780-482-11	s	EARTH TERMINAL
F101	⚠ 1-576-233-51	s	FUSE (H.B.C.) (6.3A/250V)
FB101	1-469-670-21	s	FERRITE, EMI (SMD) (2012)
FB102	1-469-670-21	s	FERRITE, EMI (SMD) (2012)
IC101	⚠ 6-708-801-01	s	IC MIP2H2
IC103	6-707-828-01	s	IC MM1431ANRE
L101	⚠ 1-456-856-11	s	LINE FILTER COIL
L102	⚠ 1-456-856-11	s	LINE FILTER COIL
L103	1-414-183-31	s	MICRO INDUCTOR
PH101	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH102	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH103	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
Q101	6-550-760-01	s	TRANSISTOR 2SA1363-T111-1E
Q102	8-729-620-07	s	TRANSISTOR 2SC3052EF-T1-LEF
Q103	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
Q104	6-551-678-01	s	TRANSISTOR 2SA1364-T111-1DE
Q105	8-729-620-07	s	TRANSISTOR 2SC3052EF-T1-LEF

(GA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q106	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
R101	⚠ 1-245-502-21	s	ANTI SURGE RESISTOR 4.7M
R104	⚠ 1-219-759-91	s	RESISTOR (SURGE RESISTANT) 1M
R105	⚠ 1-246-188-51	s	RES, NONFLAMMABLE FUSE 10
R106	1-218-865-91	s	RES, CHIP 5.6K (1608)
R107	1-243-725-71	s	RES, OXIDE METAL FILM 100K
R108	1-249-385-91	s	RES, CARBON (SMALL) 2.2
R109	1-216-821-91	s	RES, CHIP 1.0K (1608)
R110	1-216-827-91	s	RES, CHIP 3.3K (1608)
R111	⚠ 1-211-748-31	s	RES, CEMENT-COATED (FUSE) 5.6
R112	⚠ 1-211-748-31	s	RES, CEMENT-COATED (FUSE) 5.6
R113	1-216-805-91	s	RES, CHIP 47 (1608)
R114	1-216-821-91	s	RES, CHIP 1.0K (1608)
R115	1-218-887-91	s	RES, CHIP 47K (1608)
R116	1-218-871-91	s	RES, CHIP 10K (1608)
R117	1-218-867-91	s	RES, CHIP 6.8K (1608)
R118	1-216-833-91	s	RES, CHIP 10K (1608)
R119	1-216-821-91	s	RES, CHIP 1.0K (1608)
R120	1-208-838-91	s	RES, CHIP 220K (2012)
R121	1-208-838-91	s	RES, CHIP 220K (2012)
R122	1-208-838-91	s	RES, CHIP 220K (2012)
R123	1-208-838-91	s	RES, CHIP 220K (2012)
R124	1-208-838-91	s	RES, CHIP 220K (2012)
R125	1-218-871-91	s	RES, CHIP 10K (1608)
R126	1-218-851-91	s	RES, CHIP 1.5K (1608)
R127	1-216-829-91	s	RES, CHIP 4.7K (1608)
R128	1-216-821-91	s	RES, CHIP 1.0K (1608)
R129	1-216-833-91	s	RES, CHIP 10K (1608)
R130	1-216-833-91	s	RES, CHIP 10K (1608)
R134	1-216-821-91	s	RES, CHIP 1.0K (1608)
R135	1-216-821-91	s	RES, CHIP 1.0K (1608)
R138	1-216-833-91	s	RES, CHIP 10K (1608)
R139	1-216-833-91	s	RES, CHIP 10K (1608)
R140	1-216-841-91	s	RES, CHIP 47K (1608)
R141	1-216-841-91	s	RES, CHIP 47K (1608)
RY101	⚠ 1-755-356-11	s	RELAY
RY102	⚠ 1-755-407-11	s	RELAY (AC POWER)
T101	⚠ 1-443-984-21	s	CONVERTER TRANSFORMER (SBT)
TH101	⚠ 1-803-586-41	s	THERMISTOR
VDR101	⚠ 1-802-423-21	s	VARISTOR (TND10SV621K)
VDR102	⚠ 1-802-423-21	s	VARISTOR (TND10SV621K)

GB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1803-427-A	s	MOUNTED CIRCUIT BOARD, GB
1pc	4-042-911-21	o	INSULATOR
1pc	4-374-846-01	o	COVER, CAPACITOR, CAP TYPE
2pcs	7-651-000-50	o	GREASE,SILICON (G-746) 200G
3pcs	7-682-650-01	s	SCREW +PS 3X12
C200	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C202	1-114-324-11	s	CAP, CERAMIC 0.022MF X7R 1608
C203	1-114-324-11	s	CAP, CERAMIC 0.022MF X7R 1608
C205	1-117-227-11	s	CAP, METALIZED PE FILM 1.0MF
C206	1-115-339-91	s	CAP, CERAMIC 0.1MF B (2012)
C207	1-112-780-11	s	CAP, CERAMIC 0.47MF X7R 1608
C208	1-165-825-11	s	CAP, FILM 2.2MF
C209	1-162-927-91	s	CAP, CERAMIC 100PF CH 1608
C210	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C211	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C212	1-162-962-91	s	CAP, CERAMIC 470PF B 1608
C213	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C214	1-107-906-91	s	CAP, ELECT 10MF
C215	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C216	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C217	1-107-906-91	s	CAP, ELECT 10MF
C218	1-112-513-91	s	CAP, CHIP CERAMIC 1200PF(1608)
C219	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C220	1-112-481-11	s	CAP, CERAMIC 470PF D
C221	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C222	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C223	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C224	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C225	1-112-481-11	s	CAP, CERAMIC 470PF D
C226	⚠ 1-112-025-11	s	CAP,ELECT 270MF
C227	1-165-732-31	s	CAP, ELECT 47MF 105
C228	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C229	⚠ 1-117-752-11	s	CAP, ELECT 330MF
C230	1-114-329-11	s	CAP, CERAMIC 0.47MF X7R 2012
C232	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C233	1-107-906-91	s	CAP, ELECT 10MF
C301	1-114-323-11	s	CAP, CERAMIC 0.01MF X7R 1608
C302	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C303	1-100-831-91	s	CAP,CHIP CERAMIC 1000PF CH1608
C304	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C305	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C306	1-107-893-91	s	CAP, ELECT 100MF
C307	1-107-888-91	s	CAP, ELECT 47MF
C308	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C309	1-112-481-11	s	CAP, CERAMIC 470PF D
C310	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C311	1-137-754-22	s	CAP, METALIZED PP FILM 6800PF
C313	⚠ 1-112-876-51	s	CAP, CERAMIC 470PF B
C314	1-112-065-11	s	CAP, CERAMIC 4.7MF X7R 3216
C315	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C316	1-112-222-21	s	CAP, ELECT 2200MF 105
C317	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C318	1-128-955-31	s	CAP, ELECT 2200MF
C319	1-128-955-31	s	CAP, ELECT 2200MF
C320	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C321	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN200	1-819-336-11	o	HEADER ASSEMBLY FOR PWB 3P
CN201	⚠ 1-691-960-21	s	PIN, CONNECTOR (PC BOARD) 3P

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN202	⚠ 1-793-660-11	o	PIN, CONNECTOR (PC BOARD) 3P
CN301	1-819-463-11	s	HEADER ASSEMBLY FOR PWB 6P
CN303	1-819-330-11	s	HEADER ASSEMBLY FOR PWB 8P
CN304	1-820-180-11	s	HEADER ASSEMBLY (PRINT PWB) 3P
D200	6-503-016-01	s	DI DZ2J07500L
D201	6-500-839-01	s	DIODE D1UBA80
D202	6-503-016-01	s	DI DZ2J07500L
D204	⚠ 8-719-022-99	s	DIODE D6SB60L
D205	6-503-016-01	s	DI DZ2J07500L
D206	8-719-071-94	s	DIODE HRU0103ATRF
D208	8-719-071-94	s	DIODE HRU0103ATRF
D209	8-719-071-94	s	DIODE HRU0103ATRF
D210	6-502-978-01	s	DI DA2J10400L
D211	6-501-043-01	s	DIODE UMZ16NT106
D213	6-500-407-01	s	DIODE SF20L60U-4015
D214	6-502-961-01	s	DI DA2J10100L
D216	6-502-961-01	s	DI DA2J10100L
D217	6-502-961-01	s	DI DA2J10100L
D301	6-503-031-01	s	DI DZ2J18000L
D303	8-719-081-67	s	DIODE M1FM3
D306	8-719-081-67	s	DIODE M1FM3
D307	8-719-979-64	s	DIODE UF4005/23
D308	6-503-031-01	s	DI DZ2J18000L
D309	6-500-137-01	s	DIODE BAT54HT1
D310	6-503-031-01	s	DI DZ2J18000L
D313	6-502-961-01	s	DI DA2J10100L
D314	6-502-961-01	s	DI DA2J10100L
D315	6-502-961-01	s	DI DA2J10100L
D316	6-502-484-21	s	DI SG10SC6M-5600
D317	6-502-484-21	s	DI SG10SC6M-5600
D318	6-502-484-21	s	DI SG10SC6M-5600
D319	6-503-016-01	s	DI DZ2J07500L
D320	6-502-961-01	s	DI DA2J10100L
D321	6-502-961-01	s	DI DA2J10100L
D322	6-502-961-01	s	DI DA2J10100L
D323	6-502-961-01	s	DI DA2J10100L
D324	6-502-961-01	s	DI DA2J10100L
D325	6-502-961-01	s	DI DA2J10100L
D326	6-502-961-01	s	DI DA2J10100L
ET001	1-780-482-11	s	EARTH TERMINAL
FB201	1-410-397-31	s	FERRITE BEAD INDUCTOR 1.1UH
FB202	1-410-397-31	s	FERRITE BEAD INDUCTOR 1.1UH
IC200	6-704-853-01	s	IC UC2854BN
IC201	6-707-828-01	s	IC MM1431ANRE
IC202	6-708-254-01	s	IC BA00CC0WFP
IC203	6-707-828-01	s	IC MM1431ANRE
IC301	6-706-852-01	s	IC CXD9841M
IC302	8-759-066-56	s	IC TA75W393FU-TE12R
IC303	6-707-828-01	s	IC MM1431ANRE
L201	⚠ 1-457-277-11	s	CHOKE COIL 260UH
L202	⚠ 1-481-165-11	s	COIL, CHOKE 100UH
PH301	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH302	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH303	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
Q200	8-729-040-89	s	TRANSISTOR 2SK1590-T1B
Q201	⚠ 8-729-055-36	s	TRANSISTOR SPW20N60S5

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q202	8-729-807-27	s	TRANSISTOR 2SD1621S-TD-E
Q203	8-729-805-35	s	TRANSISTOR 2SB1121-S-TD
Q204	6-551-696-01	s	TRANSISTOR ISA1235AC1TP-1EF
Q205	8-729-038-23	s	TRANSISTOR RT1N141C-TP-1
Q206	6-551-696-01	s	TRANSISTOR ISA1235AC1TP-1EF
Q209	8-729-620-07	s	TRANSISTOR 2SC3052EF-T1-LEF
Q210	6-551-696-01	s	TRANSISTOR ISA1235AC1TP-1EF
Q211	6-551-696-01	s	TRANSISTOR ISA1235AC1TP-1EF
Q301 ⚠	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q302 ⚠	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q303	6-551-696-01	s	TRANSISTOR ISA1235AC1TP-1EF
Q304	8-729-620-07	s	TRANSISTOR 2SC3052EF-T1-LEF
Q305	8-729-620-07	s	TRANSISTOR 2SC3052EF-T1-LEF
Q306	8-729-620-07	s	TRANSISTOR 2SC3052EF-T1-LEF
Q307	6-551-997-01	s	TR TPC6109-H
Q308	6-550-369-01	s	TRANSISTOR TPC8109(TE12L)
Q309	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
Q310	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
Q311	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
Q312	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
Q313	8-729-038-28	s	TRANSISTOR RT1N441C-TP-1
Q314	6-550-369-01	s	TRANSISTOR TPC8109(TE12L)
R200	1-216-857-91	s	RES, CHIP 1.0M (1608)
R202	1-216-857-91	s	RES, CHIP 1.0M (1608)
R203	1-208-838-91	s	RES, CHIP 220K (2012)
R204	1-208-838-91	s	RES, CHIP 220K (2012)
R205	1-208-838-91	s	RES, CHIP 220K (2012)
R206	1-208-840-91	s	RES, CHIP 270K (2012)
R207	1-208-832-91	s	RES, CHIP 120K (2012)
R208	1-208-838-91	s	RES, CHIP 220K (2012)
R209	1-208-838-91	s	RES, CHIP 220K (2012)
R210	1-208-838-91	s	RES, CHIP 220K (2012)
R211	1-208-838-91	s	RES, CHIP 220K (2012)
R212	1-208-830-91	s	RES, CHIP 100K (2012)
R213	1-216-836-91	s	RES, CHIP 18K (1608)
R214	1-208-838-91	s	RES, CHIP 220K (2012)
R215	1-208-838-91	s	RES, CHIP 220K (2012)
R216	1-218-847-91	s	RES, CHIP 1.0K (1608)
R217	1-208-838-91	s	RES, CHIP 220K (2012)
R218	1-216-830-91	s	RES, CHIP 5.6K (1608)
R219	1-216-825-91	s	RES, CHIP 2.2K (1608)
R220	1-216-857-91	s	RES, CHIP 1.0M (1608)
R221	1-208-838-91	s	RES, CHIP 220K (2012)
R222	1-219-393-11	s	RES, METAL PLATE 0.05
R224	1-216-837-91	s	RES, CHIP 22K (1608)
R225	1-216-789-91	s	RES, CHIP 2.2 (1608)
R226	1-216-833-91	s	RES, CHIP 10K (1608)
R227	1-249-393-91	s	RES, CARBON (SMALL) 10
R228	1-218-871-91	s	RES, CHIP 10K (1608)
R229	1-216-849-91	s	RES, CHIP 220K (1608)
R230	1-216-837-91	s	RES, CHIP 22K (1608)
R231	1-249-393-91	s	RES, CARBON (SMALL) 10
R232	1-249-405-91	s	RES, CARBON (SMALL) 100
R233	1-218-875-91	s	RES, CHIP 15K (1608)
R234	1-243-556-71	s	RES, OXIDE METAL FILM 22
R235	1-218-863-91	s	RES, CHIP 4.7K (1608)
R236	1-218-869-91	s	RES, CHIP 8.2K (1608)
R237	1-218-851-91	s	RES, CHIP 1.5K (1608)

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R238	1-218-866-91	s	RES, CHIP 6.2K (1608)
R239	1-218-847-91	s	RES, CHIP 1.0K (1608)
R240	1-216-837-91	s	RES, CHIP 22K (1608)
R241	1-216-834-91	s	RES, CHIP 12K (1608)
R242	1-216-829-91	s	RES, CHIP 4.7K (1608)
R243	1-243-556-71	s	RES, OXIDE METAL FILM 22
R244	1-216-817-91	s	RES, CHIP 470 (1608)
R245	1-216-833-91	s	RES, CHIP 10K (1608)
R246	1-216-845-91	s	RES, CHIP 100K (1608)
R247	1-208-834-91	s	RES, CHIP 150K (2012)
R248	1-208-834-91	s	RES, CHIP 150K (2012)
R249	1-208-834-91	s	RES, CHIP 150K (2012)
R250	1-208-834-91	s	RES, CHIP 150K (2012)
R251	1-208-834-91	s	RES, CHIP 150K (2012)
R252	1-208-834-91	s	RES, CHIP 150K (2012)
R253	1-208-830-91	s	RES, CHIP 100K (2012)
R254	1-208-830-91	s	RES, CHIP 100K (2012)
R255	1-208-838-91	s	RES, CHIP 220K (2012)
R256	1-208-838-91	s	RES, CHIP 220K (2012)
R257	1-208-838-91	s	RES, CHIP 220K (2012)
R258	1-208-838-91	s	RES, CHIP 220K (2012)
R259	1-208-838-91	s	RES, CHIP 220K (2012)
R260	1-218-867-91	s	RES, CHIP 6.8K (1608)
R261	1-218-863-91	s	RES, CHIP 4.7K (1608)
R262	1-218-863-91	s	RES, CHIP 4.7K (1608)
R263	1-218-847-91	s	RES, CHIP 1.0K (1608)
R264	1-216-817-91	s	RES, CHIP 470 (1608)
R265	1-216-829-91	s	RES, CHIP 4.7K (1608)
R267	1-216-845-91	s	RES, CHIP 100K (1608)
R268	1-216-833-91	s	RES, CHIP 10K (1608)
R269	1-216-827-91	s	RES, CHIP 3.3K (1608)
R270	1-216-845-91	s	RES, CHIP 100K (1608)
R273 ⚠	1-220-778-81	s	RES, NONFLAMMABLE FUSE 0.1
R275	1-216-833-91	s	RES, CHIP 10K (1608)
R276	1-216-833-91	s	RES, CHIP 10K (1608)
R301	1-218-877-91	s	RES, CHIP 18K (1608)
R302	1-218-847-91	s	RES, CHIP 1.0K (1608)
R303	1-218-873-91	s	RES, CHIP 12K (1608)
R304	1-218-823-91	s	RES, CHIP 100 (1608)
R307	1-218-877-91	s	RES, CHIP 18K (1608)
R308	1-208-838-91	s	RES, CHIP 220K (2012)
R309	1-208-838-91	s	RES, CHIP 220K (2012)
R310	1-208-838-91	s	RES, CHIP 220K (2012)
R311	1-216-797-91	s	RES, CHIP 10 (1608)
R312	1-218-827-91	s	RES, CHIP 150 (1608)
R313	1-216-833-91	s	RES, CHIP 10K (1608)
R315	1-216-797-91	s	RES, CHIP 10 (1608)
R316 ⚠	1-220-778-81	s	RES, NONFLAMMABLE FUSE 0.1
R317	1-216-833-91	s	RES, CHIP 10K (1608)
R318	1-216-833-91	s	RES, CHIP 10K (1608)
R320	1-216-833-91	s	RES, CHIP 10K (1608)
R321	1-243-803-71	s	RES, OXIDE METAL FILM 0.33
R322	1-216-845-91	s	RES, CHIP 100K (1608)
R325	1-216-821-91	s	RES, CHIP 1.0K (1608)
R326	1-216-845-91	s	RES, CHIP 100K (1608)
R327	1-216-821-91	s	RES, CHIP 1.0K (1608)
R328	1-216-845-91	s	RES, CHIP 100K (1608)
R329	1-216-829-91	s	RES, CHIP 4.7K (1608)
R330	1-216-825-91	s	RES, CHIP 2.2K (1608)

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R331	1-216-839-91	s	RES, CHIP 33K (1608)
R332	1-216-841-91	s	RES, CHIP 47K (1608)
R333	1-216-833-91	s	RES, CHIP 10K (1608)
R334	1-216-833-91	s	RES, CHIP 10K (1608)
R335	1-216-841-91	s	RES, CHIP 47K (1608)
R336	1-216-837-91	s	RES, CHIP 22K (1608)
R337	1-216-833-91	s	RES, CHIP 10K (1608)
R338	1-216-833-91	s	RES, CHIP 10K (1608)
R339	1-216-841-91	s	RES, CHIP 47K (1608)
R340	1-216-827-91	s	RES, CHIP 3.3K (1608)
R341	1-216-817-91	s	RES, CHIP 470 (1608)
R342	1-216-827-91	s	RES, CHIP 3.3K (1608)
R343	1-216-809-91	s	RES, CHIP 100 (1608)
R344	1-218-861-91	s	RES, CHIP 3.9K (1608)
R345	1-218-857-91	s	RES, CHIP 2.7K (1608)
R346	1-216-827-91	s	RES, CHIP 3.3K (1608)
R347	1-216-827-91	s	RES, CHIP 3.3K (1608)
R348	1-216-825-91	s	RES, CHIP 2.2K (1608)
R349	1-218-887-91	s	RES, CHIP 47K (1608)
R350	1-216-833-91	s	RES, CHIP 10K (1608)
R351	1-216-835-91	s	RES, CHIP 15K (1608)
R352	1-216-829-91	s	RES, CHIP 4.7K (1608)
R353	1-216-841-91	s	RES, CHIP 47K (1608)
R354	1-216-829-91	s	RES, CHIP 4.7K (1608)
R355	1-216-835-91	s	RES, CHIP 15K (1608)
R356	1-216-841-91	s	RES, CHIP 47K (1608)
R357	1-216-835-91	s	RES, CHIP 15K (1608)
R358	1-216-829-91	s	RES, CHIP 4.7K (1608)
R359	1-216-841-91	s	RES, CHIP 47K (1608)
R360	1-216-841-91	s	RES, CHIP 47K (1608)
R361	1-216-833-91	s	RES, CHIP 10K (1608)
R362	1-216-827-91	s	RES, CHIP 3.3K (1608)
R363	1-208-838-91	s	RES, CHIP 220K (2012)
R364	1-208-830-91	s	RES, CHIP 100K (2012)
T301	⚠ 1-437-301-41	s	TRANSFORMER, CONVERTER (PIT)
TH200	⚠ 1-805-074-11	s	THERMISTOR

HA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-317-A	s	MOUNTED CIRCUIT BOARD, HA
C60	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN60	1-820-298-11	o	HEADER ASSEMBLY (PRINT PWB) 4P
R60	1-218-877-91	s	RES, CHIP 18K (1608)
R62	1-218-871-91	s	RES, CHIP 10K (1608)
R64	1-218-865-91	s	RES, CHIP 5.6K (1608)
R66	1-218-861-91	s	RES, CHIP 3.9K (1608)
R68	1-218-857-91	s	RES, CHIP 2.7K (1608)
R70	1-218-855-91	s	RES, CHIP 2.2K (1608)
R72	1-218-851-91	s	RES, CHIP 1.5K (1608)
R74	1-218-851-91	s	RES, CHIP 1.5K (1608)
R76	1-218-895-91	s	RES, CHIP 100K (1608)
R77	1-218-881-91	s	RES, CHIP 27K (1608)
R78	1-218-877-91	s	RES, CHIP 18K (1608)
R79	1-218-861-91	s	RES, CHIP 3.9K (1608)
R80	1-216-864-91	s	CONDUCTOR, CHIP (1608)
S60	1-786-651-11	s	TACTILE SWITCH
S61	1-771-105-21	s	SWITCH, TACTILE
S62	1-771-105-21	s	SWITCH, TACTILE
S63	1-771-105-21	s	SWITCH, TACTILE
S64	1-771-105-21	s	SWITCH, TACTILE
VDR60	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR61	1-803-974-21	s	VARISTOR, CHIP (1608)

HB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-318-A	s	MOUNTED CIRCUIT BOARD, HB
C80	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN80	1-820-299-11	s	HEADER ASSEMBLY (PRINT PWB) 5P
D80	6-502-193-01	s	DI SML-D12V8WT86SN
D81	6-502-352-01	s	DI SML-522MU8WT86PQ
Q80	6-552-444-01	s	TR DRC5144E0L
Q81	6-552-444-01	s	TR DRC5144E0L
Q82	6-552-444-01	s	TR DRC5144E0L
R80	1-216-815-91	s	RES, CHIP 330 (1608)
R81	1-216-821-91	s	RES, CHIP 1.0K (1608)
R82	1-216-813-91	s	RES, CHIP 220 (1608)
VDR80	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR81	1-803-974-21	s	VARISTOR, CHIP (1608)
VDR82	1-803-974-21	s	VARISTOR, CHIP (1608)

J BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-324-A	s	MOUNTED CIRCUIT BOARD, J
C90	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C91	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C92	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C93	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C94	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN90	1-820-192-11	s	HEADER ASSEMBLY (PRINT PWB)15P
CN91	1-820-192-11	s	HEADER ASSEMBLY (PRINT PWB)15P
FB90	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB91	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB92	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB93	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB94	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
R90	1-218-941-81	s	RES, CHIP 100
R91	1-218-941-81	s	RES, CHIP 100
R92	1-218-953-81	s	RES, CHIP 1.0K
R93	1-218-953-81	s	RES, CHIP 1.0K
R94	1-218-953-81	s	RES, CHIP 1.0K
R95	1-218-953-81	s	RES, CHIP 1.0K

NF BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-319-A	s	MOUNTED CIRCUIT BOARD, NF
C40	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
CN40	1-820-181-11	s	HEADER ASSEMBLY (PRINT PWB) 4P
IC40	6-710-071-01	s	IC GP1UE26XKOVF
R40	1-216-805-91	s	RES, CHIP 47 (1608)
R41	1-216-809-91	s	RES, CHIP 100 (1608)

NR BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-320-A	s	MOUNTED CIRCUIT BOARD, NR
C50	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
CN50	1-820-180-11	s	HEADER ASSEMBLY (PRINT PWB) 3P
IC50	6-710-071-01	s	IC GP1UE26XKOVF
R50	1-218-937-81	s	RES, CHIP 47
R51	1-218-941-81	s	RES, CHIP 100

QA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1803-422-A	s	MOUNTED CIRCUIT BOARD, QA (For U/SY/CN)
1pc	A-1803-423-A	s	MOUNTED CIRCUIT BOARD, QA (For J)
C101	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C102	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C104	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C105	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C106	1-114-331-11	s	CAP, CERAMIC 4.7MF X7R 2012
C107	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C109	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C110	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C111	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C112	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C113	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C114	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C115	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C116	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C117	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C118	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C119	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C120	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C121	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C122	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C123	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C124	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C125	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C126	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C127	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C128	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C129	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C130	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C131	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C132	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C134	1-100-907-11	s	CAP,CERAMIC 0.1MF X7R 1005
C135	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C136	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C143	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C200	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C201	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C202	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C203	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C204	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C205	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C206	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C207	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C208	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C209	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C210	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C211	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C212	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C213	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C214	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C215	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C216	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C217	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C218	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C219	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C220	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C221	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C222	1-164-846-81	s	CAP, CHIP CERAMIC 6PF CH 1005

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C223	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C224	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C225	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C226	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C227	1-164-846-81	s	CAP, CHIP CERAMIC 6PF CH 1005
C228	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C229	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C230	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C300	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C301	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C302	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C303	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C304	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C305	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C306	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C307	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C308	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C309	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C310	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C311	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C312	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C313	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C314	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C315	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C316	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C317	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C318	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C319	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C320	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C321	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C322	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C323	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C324	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C325	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C326	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C327	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C328	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C329	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C330	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C331	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C332	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C333	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C334	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C335	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C336	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C337	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C338	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C339	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C340	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C341	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C342	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C343	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C344	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C345	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C346	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C347	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C348	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C349	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C350	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012

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Ref. No. or Q'ty	Part No.	SP	Description
C351	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C352	1-164-846-81	s	CAP, CHIP CERAMIC 6PF CH 1005
C353	1-164-846-81	s	CAP, CHIP CERAMIC 6PF CH 1005
C354	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C355	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C356	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C357	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C400	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C401	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C402	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C403	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C404	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C405	1-112-780-11	s	CAP, CERAMIC 0.47MF X7R 1608
C406	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C407	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C408	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C409	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C410	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C412	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C413	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C414	1-112-774-11	s	CAP, CERAMIC 470PF X7R 1005
C415	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C416	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C417	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C418	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C419	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C420	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C421	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C422	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C423	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C424	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C425	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C426	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C427	1-112-780-11	s	CAP, CERAMIC 0.47MF X7R 1608
C428	1-112-046-11	s	CAP, CERAMIC 4.7MF X6S 2012
C429	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C430	1-114-333-11	s	CAP, CERAMIC 47MF X6S 3216
C431	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C432	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C433	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C434	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C435	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C436	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C437	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C438	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C439	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C440	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C441	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C442	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C443	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C444	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C445	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C446	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C447	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C448	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C449	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C450	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C451	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C452	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C453	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C454	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C455	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C456	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C457	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C458	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C459	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C460	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C461	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C462	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C463	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C464	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C469	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C500	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C501	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C502	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C503	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C504	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C505	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C506	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C507	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C508	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C509	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C510	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C511	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C512	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C513	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C514	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C515	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C516	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C517	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C518	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C519	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C520	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C521	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C522	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C523	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C524	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C525	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C526	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C527	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C528	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C529	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C530	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C531	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C532	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C533	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C534	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C535	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C536	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C537	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C538	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C539	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C540	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C541	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C542	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C543	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C544	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C545	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C546	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C547	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C548	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C549	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C550	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C551	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C552	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C553	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C554	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C555	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C556	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C557	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C558	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C559	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C560	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C561	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C562	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C563	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C564	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C571	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C600	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C602	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C604	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C605	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C606	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C607	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C608	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C609	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C610	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C611	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C612	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C613	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C614	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C615	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C616	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C617	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C618	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C619	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C620	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C621	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C622	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C623	1-114-332-11	s	CAP, CERAMIC 22MF X6S 2012
C624	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C626	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C627	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C700	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C701	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C702	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C703	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C704	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C705	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C706	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C707	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C708	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C709	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C710	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C711	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C712	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C713	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C714	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C715	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C717	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C718	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C719	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C720	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C721	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C722	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C723	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C724	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C725	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C726	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C727	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C728	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C729	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C730	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C731	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C732	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C733	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C734	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C800	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C801	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C802	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C803	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C805	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C806	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C807	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C808	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C810	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C811	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C812	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C813	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C815	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C816	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C817	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C818	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C820	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C823	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C824	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C825	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C826	1-114-326-11	s	CAP, CERAMIC 0.22MF X7R 1608
C900	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C901	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C902	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C903	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C904	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C905	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C906	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C907	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C909	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C910	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C911	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C912	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C913	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C914	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C1000	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C1001	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C1002	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1003	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C1005	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1006	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1007	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C1008	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1009	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C1010	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1011	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1012	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C1013	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C1014	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1015	1-116-079-11	s	CAP, CERAMIC 10MF X6S 2012
C1016	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1017	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1018	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1019	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1020	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1021	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1022	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C1023	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
C1025	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1030	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C1031	1-114-327-11	s	CAP, CERAMIC 1MF X7R 1608
C1032	1-114-553-11	s	CAP, CERAMIC 10MF X6S 3216
C1033	1-112-781-11	s	CAP, CERAMIC 1MF X7R 1608
C1034	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C1037	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1038	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1043	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1108	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1109	1-100-912-11	s	CAP, CERAMIC 1.0MF X7R (2012)
C1110	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1111	1-114-334-11	s	CAP, CERAMIC 10MF X7R 3225
C1112	1-114-813-11	s	CAP, CERAMIC 1UF X7R 1608
C1114	1-100-909-11	s	CAP, CERAMIC 10MF X6S 2012
C1116	1-112-777-11	s	CAP, CERAMIC 0.01MF X7R 1005
C1117	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1118	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C1119	1-100-907-11	s	CAP,CERAMIC 0.1MF X7R 1005
C1120	1-100-907-11	s	CAP,CERAMIC 0.1MF X7R 1005
CN100	1-794-930-21	s	CONNECTOR, D SUB
CN200	1-821-398-11	s	HDMI CONNECTOR
CN201	1-821-398-11	s	HDMI CONNECTOR
CN301	1-821-391-11	s	CONNECTOR (RECEPTACLE,LVDS)51P
CN400	1-819-446-11	s	HEADER ASSEMBLY FOR PWB 8P
CN600	1-820-182-11	o	HEADER ASSEMBLY (PRINT PWB) 5P
CN601	1-820-181-11	s	HEADER ASSEMBLY (PRINT PWB) 4P
CN700	1-820-192-11	s	HEADER ASSEMBLY (PRINT PWB)15P
CN701	1-820-182-11	o	HEADER ASSEMBLY (PRINT PWB) 5P
CN702	1-820-191-11	s	HEADER ASSEMBLY (PRINT PWB)14P
CN703	1-820-190-11	s	HEADER ASSEMBLY (PRINT PWB)13P
CN800	1-819-474-11	s	HEADER ASSEMBLY FOR PWB 6P
CN801	1-819-445-11	o	HEADER ASSEMBLY FOR PWB 3P
CN802	1-819-336-11	o	HEADER ASSEMBLY FOR PWB 3P
CN900	1-820-185-11	s	HEADER ASSEMBLY (PRINT PWB) 8P
CN1000	1-820-285-11	s	HEADER ASSEMBLY (PRINT PWB) 6P
CN1001	1-820-186-11	s	HEADER ASSEMBLY (PRINT PWB) 9P
CN1003	1-820-191-11	s	HEADER ASSEMBLY (PRINT PWB)14P
CN1100	1-820-183-11	s	HEADER ASSEMBLY (PRINT PWB) 6P
CN1101	1-818-204-11	s	JACK, MODULAR (RJ-45)

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D103	6-502-979-01	s	DI DA4J104K0L
D104	6-503-235-01	s	DI DA3J101F0L
D105	6-503-235-01	s	DI DA3J101F0L
D106	6-502-934-01	s	DI DB2S31100K8
D108	6-503-235-01	s	DI DA3J101F0L
D109	6-503-235-01	s	DI DA3J101F0L
D200	6-502-979-01	s	DI DA4J104K0L
D201	6-502-979-01	s	DI DA4J104K0L
D202	6-502-934-01	s	DI DB2S31100K8
D300	6-503-235-01	s	DI DA3J101F0L
D301	6-503-235-01	s	DI DA3J101F0L
D302	6-503-235-01	s	DI DA3J101F0L
D303	6-503-235-01	s	DI DA3J101F0L
D304	6-503-235-01	s	DI DA3J101F0L
D305	6-503-235-01	s	DI DA3J101F0L
D306	6-503-235-01	s	DI DA3J101F0L
D307	6-503-235-01	s	DI DA3J101F0L
D400	6-502-961-01	s	DI DA2J10100L
D700	6-503-038-01	s	DI DZ2J27000L
D701	6-503-235-01	s	DI DA3J101F0L
D702	6-503-038-01	s	DI DZ2J27000L
D703	6-503-038-01	s	DI DZ2J27000L
D704	6-503-235-01	s	DI DA3J101F0L
D705	6-503-038-01	s	DI DZ2J27000L
D800	6-502-961-01	s	DI DA2J10100L
D801	6-502-961-01	s	DI DA2J10100L
D802	6-502-961-01	s	DI DA2J10100L
D803	6-502-961-01	s	DI DA2J10100L
D900	6-503-235-01	s	DI DA3J101F0L
D901	6-503-235-01	s	DI DA3J101F0L
D902	6-503-235-01	s	DI DA3J101F0L
D903	6-502-961-01	s	DI DA2J10100L
D1000	6-502-934-01	s	DI DB2S31100K8
D1001	6-502-961-01	s	DI DA2J10100L
D1100	6-502-961-01	s	DI DA2J10100L
FB101	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB102	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB103	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB104	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB106	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB107	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB108	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB200	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB201	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB202	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB203	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB204	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB207	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB300	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB302	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB303	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB304	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB305	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB306	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB307	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB308	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB309	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB310	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB311	1-400-331-21	s	FERRITE, EMI (SMD) (1005)

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB400	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB401	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB402	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB403	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB404	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB405	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB406	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB407	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB408	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB409	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB410	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB500	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB502	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB600	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB601	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB602	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB603	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB604	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB605	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB606	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB607	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB608	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB609	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB610	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB611	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB612	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB613	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB700	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB701	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB702	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB703	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB704	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB705	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB706	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB707	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB708	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB710	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB712	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB713	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB714	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB715	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB716	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB717	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB718	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB719	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB720	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB721	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB722	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB723	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB800	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB801	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB802	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB804	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB900	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB901	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB902	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB903	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB904	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB905	1-400-331-21	s	FERRITE, EMI (SMD) (1005)

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB906	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB907	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB908	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1000	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1001	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1002	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1003	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1004	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1005	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1006	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1007	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1008	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1009	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1010	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1011	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1012	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1013	1-400-940-21	s	INDUCTOR, FERRITE BEAD (1005)
FB1017	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1018	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1019	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1020	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1022	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1103	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1104	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1105	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
FB1106	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1107	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1108	1-400-177-21	s	INDUCTOR, EMI FERRITE (1608)
FB1109	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1110	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
FB1111	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
IC100	6-710-018-01	s	IC CAT24C02WI-GT3
IC101	6-712-706-01	s	IC 74LVC125APW-118
IC103	6-709-172-01	s	IC TE8201PF
IC104	6-715-659-01	s	IC PST8428UL
IC200	6-710-018-01	s	IC CAT24C02WI-GT3
IC201	6-710-018-01	s	IC CAT24C02WI-GT3
IC202	8-753-282-08	s	IC CXB1444R-T6
IC203	6-708-758-01	s	IC PCA9517DP.118
IC204	6-708-758-01	s	IC PCA9517DP.118
IC205	6-711-324-01	s	IC CXD9924GB-30L
IC300	6-716-828-01	s	IC LC4032V-75TN48CA1353-LC2
IC400	6-711-116-01	s	IC NJM2878F3-05 (TE2)
IC401	6-714-935-01	s	IC TPS54225PWPR
IC402	6-711-116-01	s	IC NJM2878F3-05 (TE2)
IC403	6-706-838-01	s	IC MM1661JHBE
IC404	6-715-659-01	s	IC PST8428UL
IC405	6-715-659-01	s	IC PST8428UL
IC406	6-708-762-01	s	IC PQ200WNA1ZPH
IC407	6-715-445-01	s	IC AIC1189AH-18GE5TR
IC408	6-714-911-01	s	IC TPS54325PWPR
IC601	6-715-659-01	s	IC PST8428UL
IC602	6-714-154-01	s	IC R1EX24256ASAS0A
IC603	6-716-787-01	s	IC ISL33002IUZ-T
IC604	6-716-757-01	s	IC MX29LV160DTTI-70G-996PW
IC700	6-706-923-01	s	IC MAX3222IDBR
IC701	6-710-361-01	s	IC 74LVC2G66DC-125
IC702	8-759-681-47	s	IC IRMF-A0T-QTP

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC703	6-706-482-01	s	IC TC7SH00FU
IC704	6-712-418-01	s	IC 74AHC125PW-118
IC705	6-714-152-01	s	IC R1EX24064ASAS0A
IC707	6-715-659-01	s	IC PST8428UL
IC708	6-707-950-01	s	IC S-89530ACNC-HCBTFG
IC800	6-708-762-01	s	IC PQ200WNA1ZPH
IC801	6-708-762-01	s	IC PQ200WNA1ZPH
IC802	6-708-762-01	s	IC PQ200WNA1ZPH
IC803	6-708-762-01	s	IC PQ200WNA1ZPH
IC805	6-705-166-01	s	IC LM224PT
IC900	6-708-762-01	s	IC PQ200WNA1ZPH
IC901	8-759-337-40	s	IC NJM2904V(TE2)
IC902	8-759-337-40	s	IC NJM2904V(TE2)
IC903	8-759-646-99	s	IC NJM4556AV(TE2)
IC1000	6-712-435-01	s	IC 74AHC138PW-118
IC1001	6-711-931-01	s	IC BD6211F-E2
IC1002	8-759-592-44	s	IC TC7SZ04FU(TE85R)
IC1003	8-759-831-52	s	IC TC7WH125FK
IC1004	6-709-999-01	s	IC BD6221F-E2
IC1005	6-713-118-01	s	IC PCA9554BS-T
IC1006	6-711-931-01	s	IC BD6211F-E2
IC1007	6-711-931-01	s	IC BD6211F-E2
IC1008	6-709-999-01	s	IC BD6221F-E2
IC1009	6-713-245-01	s	IC AD7995YRJZ-0500RL7
IC1010	6-708-762-01	s	IC PQ200WNA1ZPH
IC1011	6-705-337-01	s	IC TK11150CSCL-G
IC1013	6-708-360-01	s	IC NJU7040F
IC1014	6-708-360-01	s	IC NJU7040F
IC1105	6-713-118-01	s	IC PCA9554BS-T
IC1106	6-708-762-01	s	IC PQ200WNA1ZPH
IC1110	6-710-379-01	s	IC 74LVC1G3157GW-125
IC1111	6-710-379-01	s	IC 74LVC1G3157GW-125
J101	1-785-867-11	s	JACK, PIN 1P
J102	1-793-445-11	s	JACK, PIN 3P
J103	1-568-267-21	s	JACK
L100	1-481-524-11	s	INDUCTOR 10UH
L200	1-457-685-11	o	COMMON MODE CHOKE COIL
L201	1-457-685-11	o	COMMON MODE CHOKE COIL
L202	1-457-685-11	o	COMMON MODE CHOKE COIL
L203	1-457-685-11	o	COMMON MODE CHOKE COIL
L204	1-481-521-11	s	INDUCTOR 1.0UH
L205	1-481-524-11	s	INDUCTOR 10UH
L300	1-481-524-11	s	INDUCTOR 10UH
L301	1-481-524-11	s	INDUCTOR 10UH
L302	1-481-524-11	s	INDUCTOR 10UH
L303	1-481-524-11	s	INDUCTOR 10UH
L304	1-481-524-11	s	INDUCTOR 10UH
L305	1-469-549-21	s	INDUCTOR, CHIP 1.0UH (LB2016)
L306	1-481-524-11	s	INDUCTOR 10UH
L307	1-457-540-11	s	COMMON MODE CHOKE COIL
L308	1-457-540-11	s	COMMON MODE CHOKE COIL
L309	1-457-540-11	s	COMMON MODE CHOKE COIL
L310	1-457-540-11	s	COMMON MODE CHOKE COIL
L311	1-457-540-11	s	COMMON MODE CHOKE COIL
L312	1-457-540-11	s	COMMON MODE CHOKE COIL
L400	1-457-874-11	s	CHOKE COIL 10UH
L401	1-457-455-11	s	CHOKE COIL 10UH
L500	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L501	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L502	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L600	1-481-521-11	s	INDUCTOR 1.0UH
L601	1-481-521-11	s	INDUCTOR 1.0UH
L800	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L801	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L802	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L804	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L1000	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L1001	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L1002	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
L1003	1-400-180-21	s	INDUCTOR, EMI FERRITE (1608)
Q100	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q101	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q102	6-552-444-01	s	TR DRC5144E0L
Q103	6-552-444-01	s	TR DRC5144E0L
Q104	6-552-408-01	s	TR DSC500100L
Q105	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q106	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q107	6-552-407-01	s	TR DSA500100L
Q108	6-552-407-01	s	TR DSA500100L
Q109	6-552-408-01	s	TR DSC500100L
Q110	6-552-407-01	s	TR DSA500100L
Q111	6-552-407-01	s	TR DSA500100L
Q114	6-552-444-01	s	TR DRC5144E0L
Q115	6-552-407-01	s	TR DSA500100L
Q200	6-552-444-01	s	TR DRC5144E0L
Q201	6-552-444-01	s	TR DRC5144E0L
Q202	6-551-667-01	s	TR SSM3K16FV(TL3S
Q203	6-551-667-01	s	TR SSM3K16FV(TL3S
Q204	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q205	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q206	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q207	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q208	6-552-444-01	s	TR DRC5144E0L
Q209	6-552-444-01	s	TR DRC5144E0L
Q210	6-552-444-01	s	TR DRC5144E0L
Q211	6-552-444-01	s	TR DRC5144E0L
Q212	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q400	6-552-444-01	s	TR DRC5144E0L
Q402	6-552-444-01	s	TR DRC5144E0L
Q600	6-552-444-01	s	TR DRC5144E0L
Q602	6-552-407-01	s	TR DSA500100L
Q603	6-552-444-01	s	TR DRC5144E0L
Q605	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q606	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q607	6-552-444-01	s	TR DRC5144E0L
Q700	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q701	6-552-408-01	s	TR DSC500100L
Q702	6-551-321-01	s	TRANSISTOR RT3WLMM-TP-1F
Q800	6-552-424-01	s	TR DRA5144E0L
Q801	6-552-444-01	s	TR DRC5144E0L
Q802	6-552-444-01	s	TR DRC5144E0L
Q803	6-552-444-01	s	TR DRC5144E0L
Q804	6-552-444-01	s	TR DRC5144E0L
Q805	6-552-444-01	s	TR DRC5144E0L
Q806	6-552-444-01	s	TR DRC5144E0L
Q808	6-552-444-01	s	TR DRC5144E0L

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Ref. No. or Q'ty	Part No.	SP	Description
Q900	6-552-408-01	s	TR DSC500100L
Q1001	6-550-180-01	s	TRANSISTOR SSM6N16FE(TPLR3)
Q1101	6-551-551-01	s	TRANSISTOR RT3N77M-TP-1
Q1102	6-552-077-01	o	TR RUE003N02TL
Q1104	6-552-408-01	s	TR DSC500100L
R99	1-218-973-81	s	RES, CHIP 47K
R100	1-218-973-81	s	RES, CHIP 47K
R101	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R102	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R107	1-211-979-91	s	RES, CHIP 27 (1608)
R108	1-218-937-81	s	RES, CHIP 47
R109	1-218-937-81	s	RES, CHIP 47
R112	1-211-985-91	s	RES, CHIP 47 (1608)
R113	1-218-961-81	s	RES, CHIP 4.7K
R114	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R115	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R116	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R117	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R118	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R119	1-216-864-91	s	CONDUCTOR, CHIP (1608)
R120	1-211-990-91	s	RES, CHIP 75 (1608)
R121	1-211-990-91	s	RES, CHIP 75 (1608)
R122	1-211-990-91	s	RES, CHIP 75 (1608)
R123	1-211-990-91	s	RES, CHIP 75 (1608)
R124	1-211-990-91	s	RES, CHIP 75 (1608)
R125	1-211-990-91	s	RES, CHIP 75 (1608)
R126	1-218-961-81	s	RES, CHIP 4.7K
R127	1-218-965-81	s	RES, CHIP 10K 1005
R128	1-208-923-81	s	RES, CHIP 33K (1005)
R129	1-218-961-81	s	RES, CHIP 4.7K
R130	1-218-961-81	s	RES, CHIP 4.7K
R131	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R132	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R133	1-218-937-81	s	RES, CHIP 47
R134	1-218-937-81	s	RES, CHIP 47
R135	1-218-937-81	s	RES, CHIP 47
R136	1-218-937-81	s	RES, CHIP 47
R137	1-218-937-81	s	RES, CHIP 47
R139	1-218-953-81	s	RES, CHIP 1.0K
R140	1-218-949-81	s	RES, CHIP 470
R141	1-218-965-81	s	RES, CHIP 10K 1005
R142	1-218-949-81	s	RES, CHIP 470
R143	1-218-965-81	s	RES, CHIP 10K 1005
R144	1-218-965-81	s	RES, CHIP 10K 1005
R145	1-218-977-81	s	RES, CHIP 100K
R146	1-218-977-81	s	RES, CHIP 100K
R147	1-218-977-81	s	RES, CHIP 100K
R148	1-218-977-81	s	RES, CHIP 100K
R149	1-218-941-81	s	RES, CHIP 100
R150	1-218-941-81	s	RES, CHIP 100
R151	1-218-951-81	s	RES, CHIP 680
R152	1-218-957-81	s	RES, CHIP 2.2K
R153	1-218-953-81	s	RES, CHIP 1.0K
R154	1-218-953-81	s	RES, CHIP 1.0K
R155	1-218-937-81	s	RES, CHIP 47
R156	1-218-937-81	s	RES, CHIP 47
R157	1-218-961-81	s	RES, CHIP 4.7K
R158	1-218-953-81	s	RES, CHIP 1.0K
R159	1-218-953-81	s	RES, CHIP 1.0K

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Ref. No. or Q'ty	Part No.	SP	Description
R160	1-218-961-81	s	RES, CHIP 4.7K
R162	1-218-961-81	s	RES, CHIP 4.7K
R163	1-218-941-81	s	RES, CHIP 100
R164	1-218-953-81	s	RES, CHIP 1.0K
R165	1-218-941-81	s	RES, CHIP 100
R166	1-218-929-81	s	RES, CHIP 10
R167	1-218-929-81	s	RES, CHIP 10
R168	1-218-929-81	s	RES, CHIP 10
R169	1-218-929-81	s	RES, CHIP 10
R170	1-218-965-81	s	RES, CHIP 10K 1005
R171	1-218-965-81	s	RES, CHIP 10K 1005
R172	1-218-931-81	s	RES, CHIP 15
R173	1-208-912-81	s	RES, CHIP 11K (1005)
R174	1-218-989-81	s	RES, CHIP 1M
R175	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R177	1-218-941-81	s	RES, CHIP 100
R178	1-218-941-81	s	RES, CHIP 100
R179	1-218-965-81	s	RES, CHIP 10K 1005
R180	1-218-937-81	s	RES, CHIP 47
R181	1-218-965-81	s	RES, CHIP 10K 1005
R182	1-218-941-81	s	RES, CHIP 100
R183	1-218-937-81	s	RES, CHIP 47
R184	1-218-977-81	s	RES, CHIP 100K
R185	1-218-977-81	s	RES, CHIP 100K
R186	1-218-977-81	s	RES, CHIP 100K
R187	1-218-977-81	s	RES, CHIP 100K
R188	1-218-937-81	s	RES, CHIP 47
R189	1-218-937-81	s	RES, CHIP 47
R190	1-218-977-81	s	RES, CHIP 100K
R191	1-218-977-81	s	RES, CHIP 100K
R193	1-218-953-81	s	RES, CHIP 1.0K
R194	1-218-961-81	s	RES, CHIP 4.7K
R195	1-218-941-81	s	RES, CHIP 100
R197	1-218-941-81	s	RES, CHIP 100
R198	1-218-965-81	s	RES, CHIP 10K 1005
R199	1-218-965-81	s	RES, CHIP 10K 1005
R200	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R201	1-218-953-81	s	RES, CHIP 1.0K
R202	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R203	1-218-953-81	s	RES, CHIP 1.0K
R204	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R205	1-218-965-81	s	RES, CHIP 10K 1005
R206	1-218-965-81	s	RES, CHIP 10K 1005
R207	1-218-937-81	s	RES, CHIP 47
R208	1-218-937-81	s	RES, CHIP 47
R210	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R212	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R213	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R214	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R217	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R218	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R222	1-218-935-81	s	RES, CHIP 33
R223	1-218-989-81	s	RES, CHIP 1M
R224	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R225	1-218-937-81	s	RES, CHIP 47
R226	1-218-973-81	s	RES, CHIP 47K
R227	1-218-973-81	s	RES, CHIP 47K
R228	1-218-937-81	s	RES, CHIP 47
R229	1-218-965-81	s	RES, CHIP 10K 1005

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Ref. No. or Q'ty	Part No.	SP	Description
R230	1-218-965-81	s	RES, CHIP 10K 1005
R231	1-218-973-81	s	RES, CHIP 47K
R232	1-218-973-81	s	RES, CHIP 47K
R233	1-208-911-81	s	RES, CHIP 10K (1005)
R234	1-208-923-81	s	RES, CHIP 33K (1005)
R235	1-208-911-81	s	RES, CHIP 10K (1005)
R236	1-208-923-81	s	RES, CHIP 33K (1005)
R239	1-218-973-81	s	RES, CHIP 47K
R240	1-218-973-81	s	RES, CHIP 47K
R241	1-218-970-81	s	RES, CHIP 27K
R242	1-218-973-81	s	RES, CHIP 47K
R243	1-218-973-81	s	RES, CHIP 47K
R246	1-218-965-81	s	RES, CHIP 10K 1005
R247	1-218-962-81	s	RES, CHIP 5.6K
R249	1-218-962-81	s	RES, CHIP 5.6K
R250	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R251	1-218-962-81	s	RES, CHIP 5.6K
R252	1-218-962-81	s	RES, CHIP 5.6K
R253	1-218-937-81	s	RES, CHIP 47
R254	1-218-937-81	s	RES, CHIP 47
R256	1-218-965-81	s	RES, CHIP 10K 1005
R257	1-218-937-81	s	RES, CHIP 47
R258	1-218-937-81	s	RES, CHIP 47
R259	1-218-965-81	s	RES, CHIP 10K 1005
R260	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R261	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R262	1-208-903-81	s	RES, CHIP 4.7K (1005)
R263	1-218-965-81	s	RES, CHIP 10K 1005
R264	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R265	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R266	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R267	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R268	1-218-961-81	s	RES, CHIP 4.7K
R269	1-218-937-81	s	RES, CHIP 47
R270	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R271	1-218-953-81	s	RES, CHIP 1.0K
R272	1-218-937-81	s	RES, CHIP 47
R273	1-218-965-81	s	RES, CHIP 10K 1005
R274	1-218-965-81	s	RES, CHIP 10K 1005
R275	1-218-965-81	s	RES, CHIP 10K 1005
R277	1-218-961-81	s	RES, CHIP 4.7K
R279	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R281	1-218-961-81	s	RES, CHIP 4.7K
R282	1-218-961-81	s	RES, CHIP 4.7K
R283	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R285	1-218-953-81	s	RES, CHIP 1.0K
R287	1-218-953-81	s	RES, CHIP 1.0K
R288	1-218-937-81	s	RES, CHIP 47
R289	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R290	1-218-937-81	s	RES, CHIP 47
R291	1-218-937-81	s	RES, CHIP 47
R296	1-218-937-81	s	RES, CHIP 47
R297	1-218-961-81	s	RES, CHIP 4.7K
R298	1-218-961-81	s	RES, CHIP 4.7K
R300	1-218-965-81	s	RES, CHIP 10K 1005
R302	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R303	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R304	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R305	1-218-941-81	s	RES, CHIP 100

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Ref. No. or Q'ty	Part No.	SP	Description
R306	1-218-941-81	s	RES, CHIP 100
R307	1-218-941-81	s	RES, CHIP 100
R308	1-218-941-81	s	RES, CHIP 100
R309	1-218-941-81	s	RES, CHIP 100
R310	1-218-941-81	s	RES, CHIP 100
R311	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R312	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R313	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R314	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R315	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R316	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R317	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R318	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R319	1-220-398-81	s	RES, CHIP 1.5M
R320	1-220-398-81	s	RES, CHIP 1.5M
R321	1-218-935-81	s	RES, CHIP 33
R322	1-218-989-81	s	RES, CHIP 1M
R323	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R326	1-218-933-81	s	RES, CHIP 22
R327	1-208-931-81	s	RES, CHIP 68K (1005)
R328	1-218-933-81	s	RES, CHIP 22
R329	1-218-941-81	s	RES, CHIP 100
R330	1-208-915-81	s	RES, CHIP 15K (1005)
R334	1-218-941-81	s	RES, CHIP 100
R335	1-218-965-81	s	RES, CHIP 10K 1005
R336	1-218-941-81	s	RES, CHIP 100
R337	1-218-941-81	s	RES, CHIP 100
R338	1-218-941-81	s	RES, CHIP 100
R340	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R342	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R343	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R400	1-218-965-81	s	RES, CHIP 10K 1005
R402	1-216-817-91	s	RES, CHIP 470 (1608)
R403	1-216-817-91	s	RES, CHIP 470 (1608)
R404	1-216-817-91	s	RES, CHIP 470 (1608)
R406	1-208-931-81	s	RES, CHIP 68K (1005)
R407	1-208-906-81	s	RES, CHIP 6.2K (1005)
R408	1-208-919-81	s	RES, CHIP 22K (1005)
R409	1-218-949-81	s	RES, CHIP 470
R411	1-218-965-81	s	RES, CHIP 10K 1005
R412	1-218-949-81	s	RES, CHIP 470
R413	1-218-949-81	s	RES, CHIP 470
R415	1-218-965-81	s	RES, CHIP 10K 1005
R416	1-218-965-81	s	RES, CHIP 10K 1005
R417	1-218-965-81	s	RES, CHIP 10K 1005
R418	1-218-965-81	s	RES, CHIP 10K 1005
R420	1-208-903-81	s	RES, CHIP 4.7K (1005)
R421	1-208-945-81	s	RES, CHIP 270K (1005)
R422	1-208-907-81	s	RES, CHIP 6.8K (1005)
R423	1-208-937-81	s	RES, CHIP 120K (1005)
R424	1-208-907-81	s	RES, CHIP 6.8K (1005)
R425	1-208-899-81	s	RES, CHIP 3.3K (1005)
R426	1-208-921-81	s	RES, CHIP 27K (1005)
R427	1-208-901-81	s	RES, CHIP 3.9K (1005)
R429	1-208-919-81	s	RES, CHIP 22K (1005)
R430	1-218-949-81	s	RES, CHIP 470
R431	1-218-949-81	s	RES, CHIP 470
R432	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R436	1-218-990-81	s	CONDUCTOR, CHIP (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R500	1-218-937-81	s	RES, CHIP 47
R501	1-218-937-81	s	RES, CHIP 47
R502	1-218-937-81	s	RES, CHIP 47
R503	1-218-937-81	s	RES, CHIP 47
R504	1-218-937-81	s	RES, CHIP 47
R505	1-218-937-81	s	RES, CHIP 47
R506	1-218-933-81	s	RES, CHIP 22
R507	1-218-933-81	s	RES, CHIP 22
R508	1-218-933-81	s	RES, CHIP 22
R509	1-218-933-81	s	RES, CHIP 22
R510	1-218-933-81	s	RES, CHIP 22
R511	1-218-933-81	s	RES, CHIP 22
R512	1-218-933-81	s	RES, CHIP 22
R513	1-218-933-81	s	RES, CHIP 22
R514	1-218-933-81	s	RES, CHIP 22
R515	1-218-933-81	s	RES, CHIP 22
R516	1-218-933-81	s	RES, CHIP 22
R517	1-218-933-81	s	RES, CHIP 22
R518	1-218-933-81	s	RES, CHIP 22
R519	1-218-933-81	s	RES, CHIP 22
R520	1-218-933-81	s	RES, CHIP 22
R521	1-218-933-81	s	RES, CHIP 22
R526	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R529	1-208-887-81	s	RES, CHIP 1.0K (1005)
R530	1-208-887-81	s	RES, CHIP 1.0K (1005)
R531	1-218-941-81	s	RES, CHIP 100
R532	1-218-941-81	s	RES, CHIP 100
R600	1-218-965-81	s	RES, CHIP 10K 1005
R601	1-218-965-81	s	RES, CHIP 10K 1005
R603	1-218-965-81	s	RES, CHIP 10K 1005
R604	1-218-953-81	s	RES, CHIP 1.0K
R606	1-218-965-81	s	RES, CHIP 10K 1005
R608	1-218-965-81	s	RES, CHIP 10K 1005
R611	1-218-941-81	s	RES, CHIP 100
R612	1-218-965-81	s	RES, CHIP 10K 1005
R614	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R615	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R616	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R617	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R618	1-218-929-81	s	RES, CHIP 10
R625	1-218-929-81	s	RES, CHIP 10
R627	1-218-965-81	s	RES, CHIP 10K 1005
R628	1-218-973-81	s	RES, CHIP 47K
R630	1-218-973-81	s	RES, CHIP 47K
R632	1-218-953-81	s	RES, CHIP 1.0K
R633	1-218-965-81	s	RES, CHIP 10K 1005
R634	1-218-965-81	s	RES, CHIP 10K 1005
R637	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R638	1-218-965-81	s	RES, CHIP 10K 1005
R640	1-218-965-81	s	RES, CHIP 10K 1005
R642	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R643	1-218-965-81	s	RES, CHIP 10K 1005
R644	1-218-965-81	s	RES, CHIP 10K 1005
R645	1-218-965-81	s	RES, CHIP 10K 1005
R646	1-218-965-81	s	RES, CHIP 10K 1005
R648	1-218-965-81	s	RES, CHIP 10K 1005
R649	1-218-965-81	s	RES, CHIP 10K 1005
R650	1-208-903-81	s	RES, CHIP 4.7K (1005)
R651	1-208-903-81	s	RES, CHIP 4.7K (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R652	1-208-903-81	s	RES, CHIP 4.7K (1005)
R653	1-218-965-81	s	RES, CHIP 10K 1005
R654	1-218-965-81	s	RES, CHIP 10K 1005
R655	1-218-961-81	s	RES, CHIP 4.7K
R656	1-218-961-81	s	RES, CHIP 4.7K
R657	1-218-965-81	s	RES, CHIP 10K 1005
R658	1-218-933-81	s	RES, CHIP 22
R659	1-218-933-81	s	RES, CHIP 22
R660	1-218-957-81	s	RES, CHIP 2.2K
R661	1-218-957-81	s	RES, CHIP 2.2K
R663	1-218-965-81	s	RES, CHIP 10K 1005
R665	1-218-941-81	s	RES, CHIP 100
R668	1-218-941-81	s	RES, CHIP 100
R669	1-218-933-81	s	RES, CHIP 22
R670	1-218-933-81	s	RES, CHIP 22
R671	1-218-973-81	s	RES, CHIP 47K
R672	1-218-973-81	s	RES, CHIP 47K
R673	1-218-973-81	s	RES, CHIP 47K
R674	1-218-973-81	s	RES, CHIP 47K
R675	1-218-941-81	s	RES, CHIP 100
R676	1-218-941-81	s	RES, CHIP 100
R677	1-218-941-81	s	RES, CHIP 100
R678	1-218-965-81	s	RES, CHIP 10K 1005
R679	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R680	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R681	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R682	1-208-893-81	s	RES, CHIP 1.8K (1005)
R683	1-218-957-81	s	RES, CHIP 2.2K
R684	1-218-965-81	s	RES, CHIP 10K 1005
R686	1-218-965-81	s	RES, CHIP 10K 1005
R687	1-218-965-81	s	RES, CHIP 10K 1005
R688	1-218-965-81	s	RES, CHIP 10K 1005
R700	1-218-941-81	s	RES, CHIP 100
R701	1-218-941-81	s	RES, CHIP 100
R702	1-218-953-81	s	RES, CHIP 1.0K
R703	1-218-953-81	s	RES, CHIP 1.0K
R704	1-218-953-81	s	RES, CHIP 1.0K
R705	1-218-953-81	s	RES, CHIP 1.0K
R707	1-218-941-81	s	RES, CHIP 100
R708	1-218-941-81	s	RES, CHIP 100
R709	1-208-911-81	s	RES, CHIP 10K (1005)
R710	1-208-911-81	s	RES, CHIP 10K (1005)
R711	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R712	1-218-977-81	s	RES, CHIP 100K
R713	1-218-973-81	s	RES, CHIP 47K
R714	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R715	1-218-973-81	s	RES, CHIP 47K
R716	1-218-962-81	s	RES, CHIP 5.6K
R717	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R718	1-218-965-81	s	RES, CHIP 10K 1005
R719	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R720	1-218-965-81	s	RES, CHIP 10K 1005
R721	1-218-941-81	s	RES, CHIP 100
R722	1-218-941-81	s	RES, CHIP 100
R723	1-218-941-81	s	RES, CHIP 100
R724	1-218-961-81	s	RES, CHIP 4.7K
R725	1-218-961-81	s	RES, CHIP 4.7K
R726	1-218-973-81	s	RES, CHIP 47K
R727	1-218-973-81	s	RES, CHIP 47K

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R728	1-208-911-81	s	RES, CHIP 10K (1005)
R729	1-218-973-81	s	RES, CHIP 47K
R730	1-218-973-81	s	RES, CHIP 47K
R731	1-218-973-81	s	RES, CHIP 47K
R732	1-208-911-81	s	RES, CHIP 10K (1005)
R733	1-218-941-81	s	RES, CHIP 100
R734	1-218-941-81	s	RES, CHIP 100
R735	1-218-941-81	s	RES, CHIP 100
R736	1-218-965-81	s	RES, CHIP 10K 1005
R737	1-218-933-81	s	RES, CHIP 22
R738	1-218-933-81	s	RES, CHIP 22
R739	1-218-961-81	s	RES, CHIP 4.7K
R740	1-218-965-81	s	RES, CHIP 10K 1005
R741	1-218-961-81	s	RES, CHIP 4.7K
R742	1-218-965-81	s	RES, CHIP 10K 1005
R743	1-218-937-81	s	RES, CHIP 47
R744	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R745	1-218-989-81	s	RES, CHIP 1M
R746	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R747	1-218-965-81	s	RES, CHIP 10K 1005
R748	1-218-929-81	s	RES, CHIP 10
R749	1-218-973-81	s	RES, CHIP 47K
R750	1-218-965-81	s	RES, CHIP 10K 1005
R751	1-218-941-81	s	RES, CHIP 100
R752	1-218-973-81	s	RES, CHIP 47K
R753	1-218-941-81	s	RES, CHIP 100
R754	1-218-965-81	s	RES, CHIP 10K 1005
R755	1-218-973-81	s	RES, CHIP 47K
R756	1-218-953-81	s	RES, CHIP 1.0K
R759	1-218-941-81	s	RES, CHIP 100
R762	1-218-975-81	s	RES, CHIP 68K
R765	1-218-941-81	s	RES, CHIP 100
R766	1-218-941-81	s	RES, CHIP 100
R767	1-218-941-81	s	RES, CHIP 100
R768	1-218-941-81	s	RES, CHIP 100
R770	1-218-965-81	s	RES, CHIP 10K 1005
R771	1-218-941-81	s	RES, CHIP 100
R772	1-218-965-81	s	RES, CHIP 10K 1005
R773	1-218-941-81	s	RES, CHIP 100
R775	1-218-941-81	s	RES, CHIP 100
R776	1-218-941-81	s	RES, CHIP 100
R777	1-218-941-81	s	RES, CHIP 100
R778	1-218-941-81	s	RES, CHIP 100
R780	1-218-965-81	s	RES, CHIP 10K 1005
R781	1-218-973-81	s	RES, CHIP 47K
R782	1-208-901-81	s	RES, CHIP 3.9K (1005)
R783	1-208-887-81	s	RES, CHIP 1.0K (1005)
R784	1-218-953-81	s	RES, CHIP 1.0K
R785	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R786	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R789	1-218-941-81	s	RES, CHIP 100
R792	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R793	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R794	1-218-965-81	s	RES, CHIP 10K 1005
R795	1-218-965-81	s	RES, CHIP 10K 1005
R800	1-248-346-11	s	RES, METAL FILM 0.68 (2012)
R801	1-218-965-81	s	RES, CHIP 10K 1005
R802	1-218-965-81	s	RES, CHIP 10K 1005
R803	1-218-965-81	s	RES, CHIP 10K 1005

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R804	1-218-965-81	s	RES, CHIP 10K 1005
R805	1-218-965-81	s	RES, CHIP 10K 1005
R806	1-218-965-81	s	RES, CHIP 10K 1005
R807	1-218-965-81	s	RES, CHIP 10K 1005
R808	1-218-965-81	s	RES, CHIP 10K 1005
R811	1-208-895-81	s	RES, CHIP 2.2K (1005)
R812	1-208-876-81	s	RES, CHIP 360 (1005)
R813	1-208-881-81	s	RES, CHIP 560 (1005)
R814	1-208-905-81	s	RES, CHIP 5.6K (1005)
R815	1-208-870-81	s	RES, CHIP 200 (1005)
R816	1-208-895-81	s	RES, CHIP 2.2K (1005)
R817	1-208-875-81	s	RES, CHIP 330 (1005)
R818	1-208-881-81	s	RES, CHIP 560 (1005)
R819	1-208-902-81	s	RES, CHIP 4.3K (1005)
R820	1-208-879-81	s	RES, CHIP 470 (1005)
R821	1-208-895-81	s	RES, CHIP 2.2K (1005)
R822	1-208-875-81	s	RES, CHIP 330 (1005)
R823	1-208-881-81	s	RES, CHIP 560 (1005)
R824	1-208-902-81	s	RES, CHIP 4.3K (1005)
R825	1-208-879-81	s	RES, CHIP 470 (1005)
R826	1-208-895-81	s	RES, CHIP 2.2K (1005)
R827	1-208-875-81	s	RES, CHIP 330 (1005)
R828	1-208-881-81	s	RES, CHIP 560 (1005)
R829	1-208-907-81	s	RES, CHIP 6.8K (1005)
R830	1-208-867-81	s	RES, CHIP 150 (1005)
R841	1-208-883-81	s	RES, CHIP 680 (1005)
R842	1-208-883-81	s	RES, CHIP 680 (1005)
R843	1-208-883-81	s	RES, CHIP 680 (1005)
R844	1-208-883-81	s	RES, CHIP 680 (1005)
R846	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R847	1-218-965-81	s	RES, CHIP 10K 1005
R848	1-218-965-81	s	RES, CHIP 10K 1005
R849	1-218-941-81	s	RES, CHIP 100
R850	1-218-965-81	s	RES, CHIP 10K 1005
R851	1-218-965-81	s	RES, CHIP 10K 1005
R852	1-218-965-81	s	RES, CHIP 10K 1005
R854	1-208-947-81	s	RES, CHIP 330K (1005)
R855	1-208-947-81	s	RES, CHIP 330K (1005)
R856	1-218-929-81	s	RES, CHIP 10
R857	1-208-947-81	s	RES, CHIP 330K (1005)
R859	1-218-929-81	s	RES, CHIP 10
R860	1-208-947-81	s	RES, CHIP 330K (1005)
R861	1-218-929-81	s	RES, CHIP 10
R863	1-218-929-81	s	RES, CHIP 10
R900	1-218-965-81	s	RES, CHIP 10K 1005
R901	1-218-965-81	s	RES, CHIP 10K 1005
R902	1-208-903-81	s	RES, CHIP 4.7K (1005)
R903	1-208-907-81	s	RES, CHIP 6.8K (1005)
R904	1-208-899-81	s	RES, CHIP 3.3K (1005)
R906	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R907	1-208-887-81	s	RES, CHIP 1.0K (1005)
R908	1-208-911-81	s	RES, CHIP 10K (1005)
R909	1-218-929-81	s	RES, CHIP 10
R910	1-218-891-91	s	RES, CHIP 68K (1608)
R911	1-208-899-81	s	RES, CHIP 3.3K (1005)
R912	1-208-899-81	s	RES, CHIP 3.3K (1005)
R913	1-208-911-81	s	RES, CHIP 10K (1005)
R914	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R915	1-218-990-81	s	CONDUCTOR, CHIP (1005)

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R916	1-208-923-81	s	RES, CHIP 33K (1005)
R917	1-208-907-81	s	RES, CHIP 6.8K (1005)
R918	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R919	1-208-931-81	s	RES, CHIP 68K (1005)
R920	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R921	1-218-891-91	s	RES, CHIP 68K (1608)
R922	1-208-931-81	s	RES, CHIP 68K (1005)
R924	1-208-911-81	s	RES, CHIP 10K (1005)
R925	1-208-915-81	s	RES, CHIP 15K (1005)
R926	1-208-897-81	s	RES, CHIP 2.7K (1005)
R927	1-208-899-81	s	RES, CHIP 3.3K (1005)
R928	1-208-887-81	s	RES, CHIP 1.0K (1005)
R929	1-208-899-81	s	RES, CHIP 3.3K (1005)
R930	1-208-931-81	s	RES, CHIP 68K (1005)
R931	1-208-923-81	s	RES, CHIP 33K (1005)
R932	1-208-887-81	s	RES, CHIP 1.0K (1005)
R933	1-208-916-81	s	RES, CHIP 16K (1005)
R934	1-208-935-81	s	RES, CHIP 100K (1005)
R935	1-208-927-81	s	RES, CHIP 47K (1005)
R936	1-208-887-81	s	RES, CHIP 1.0K (1005)
R937	1-208-927-81	s	RES, CHIP 47K (1005)
R938	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R939	1-218-911-91	s	RES, CHIP 470K (1608)
R940	1-208-881-81	s	RES, CHIP 560 (1005)
R941	1-208-879-81	s	RES, CHIP 470 (1005)
R942	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R943	1-208-887-81	s	RES, CHIP 1.0K (1005)
R944	1-218-911-91	s	RES, CHIP 470K (1608)
R945	1-208-907-81	s	RES, CHIP 6.8K (1005)
R946	1-208-883-81	s	RES, CHIP 680 (1005)
R947	1-208-907-81	s	RES, CHIP 6.8K (1005)
R948	1-208-883-81	s	RES, CHIP 680 (1005)
R949	1-208-912-81	s	RES, CHIP 11K (1005)
R1000	1-218-965-81	s	RES, CHIP 10K 1005
R1001	1-218-965-81	s	RES, CHIP 10K 1005
R1002	1-218-937-81	s	RES, CHIP 47
R1003	1-218-937-81	s	RES, CHIP 47
R1004	1-218-965-81	s	RES, CHIP 10K 1005
R1005	1-218-965-81	s	RES, CHIP 10K 1005
R1006	1-218-965-81	s	RES, CHIP 10K 1005
R1007	1-218-937-81	s	RES, CHIP 47
R1008	1-218-937-81	s	RES, CHIP 47
R1009	1-218-937-81	s	RES, CHIP 47
R1010	1-218-937-81	s	RES, CHIP 47
R1011	1-218-937-81	s	RES, CHIP 47
R1012	1-208-927-81	s	RES, CHIP 47K (1005)
R1013	1-208-927-81	s	RES, CHIP 47K (1005)
R1014	1-208-927-81	s	RES, CHIP 47K (1005)
R1015	1-208-927-81	s	RES, CHIP 47K (1005)
R1016	1-218-937-81	s	RES, CHIP 47
R1017	1-218-937-81	s	RES, CHIP 47
R1018	1-218-937-81	s	RES, CHIP 47
R1019	1-218-937-81	s	RES, CHIP 47
R1020	1-218-953-81	s	RES, CHIP 1.0K
R1021	1-218-953-81	s	RES, CHIP 1.0K
R1022	1-218-953-81	s	RES, CHIP 1.0K
R1023	1-218-933-81	s	RES, CHIP 22
R1025	1-218-953-81	s	RES, CHIP 1.0K
R1026	1-218-933-81	s	RES, CHIP 22

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1028	1-218-965-81	s	RES, CHIP 10K 1005
R1030	1-218-937-81	s	RES, CHIP 47
R1031	1-218-937-81	s	RES, CHIP 47
R1032	1-208-901-81	s	RES, CHIP 3.9K (1005)
R1034	1-208-898-81	s	RES, CHIP 3.0K (1005)
R1035	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1038	1-218-965-81	s	RES, CHIP 10K 1005
R1051	1-218-965-81	s	RES, CHIP 10K 1005
R1052	1-218-965-81	s	RES, CHIP 10K 1005
R1057	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1058	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1071	1-218-965-81	s	RES, CHIP 10K 1005
R1072	1-218-965-81	s	RES, CHIP 10K 1005
R1073	1-218-965-81	s	RES, CHIP 10K 1005
R1074	1-218-965-81	s	RES, CHIP 10K 1005
R1081	1-218-961-81	s	RES, CHIP 4.7K
R1082	1-218-961-81	s	RES, CHIP 4.7K
R1083	1-218-969-81	s	RES, CHIP 22K
R1084	1-218-973-81	s	RES, CHIP 47K
R1107	1-218-965-81	s	RES, CHIP 10K 1005
R1108	1-218-937-81	s	RES, CHIP 47
R1109	1-218-965-81	s	RES, CHIP 10K 1005
R1110	1-218-965-81	s	RES, CHIP 10K 1005
R1111	1-218-937-81	s	RES, CHIP 47
R1112	1-218-965-81	s	RES, CHIP 10K 1005
R1114	1-218-937-81	s	RES, CHIP 47
R1115	1-218-937-81	s	RES, CHIP 47
R1124	1-218-937-81	s	RES, CHIP 47
R1127	1-218-965-81	s	RES, CHIP 10K 1005
R1128	1-218-965-81	s	RES, CHIP 10K 1005
R1129	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1130	1-208-907-81	s	RES, CHIP 6.8K (1005)
R1131	1-208-899-81	s	RES, CHIP 3.3K (1005)
R1136	1-218-941-81	s	RES, CHIP 100
R1137	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1138	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1139	1-218-979-81	s	RES, CHIP 150K
R1140	1-218-971-81	s	RES, CHIP 33K
R1141	1-218-965-81	s	RES, CHIP 10K 1005
R1143	1-218-983-81	s	RES, CHIP 330K
R1144	1-218-983-81	s	RES, CHIP 330K
R1145	1-218-965-81	s	RES, CHIP 10K 1005
R1146	1-218-935-81	s	RES, CHIP 33
R1147	1-218-963-81	s	RES, CHIP 6.8K
R1148	1-218-959-81	s	RES, CHIP 3.3K
R1150	1-218-979-81	s	RES, CHIP 150K
R1151	1-248-336-11	o	RES, METAL FILM 0.1 (2012)
R1152	1-218-959-81	s	RES, CHIP 3.3K
R1153	1-208-911-81	s	RES, CHIP 10K (1005)
R1154	1-208-903-81	s	RES, CHIP 4.7K (1005)
R1155	1-218-953-81	s	RES, CHIP 1.0K
R1157	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1160	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1161	1-218-990-81	s	CONDUCTOR, CHIP (1005)
R1162	1-208-923-81	s	RES, CHIP 33K (1005)
R1163	1-208-923-81	s	RES, CHIP 33K (1005)
R1164	1-218-941-81	s	RES, CHIP 100
RB200	1-234-369-21	s	RES, NETWORK 10 (1005X4)

(QA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB201	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB202	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB203	1-234-369-21	s	RES, NETWORK 10 (1005X4)
RB500	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB501	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB502	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB503	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB504	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB505	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB506	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB507	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB508	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB509	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB510	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB600	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB601	1-234-377-21	s	RES, NETWORK 4.7K (1005X4)
RB602	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB603	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB604	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB605	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB606	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB607	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB608	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB609	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB610	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB611	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB612	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB700	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB701	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB702	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB703	1-234-370-21	s	RES, NETWORK 22 (1005X4)
RB704	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB1126	1-234-372-21	s	RES, NETWORK 100 (1005X4)
VD1100	1-802-090-21	s	VARISTOR, CHIP
VD1101	1-802-090-21	s	VARISTOR, CHIP
VD1103	1-802-090-21	s	VARISTOR, CHIP
VDR102	1-802-090-21	s	VARISTOR, CHIP
VDR103	1-802-090-21	s	VARISTOR, CHIP
VDR104	1-802-090-21	s	VARISTOR, CHIP
VDR106	1-802-090-21	s	VARISTOR, CHIP
VDR107	1-802-090-21	s	VARISTOR, CHIP
VDR200	1-802-245-11	s	ESD SUPPRESSOR
VDR201	1-802-245-11	s	ESD SUPPRESSOR
VDR202	1-802-245-11	s	ESD SUPPRESSOR
VDR203	1-802-245-11	s	ESD SUPPRESSOR
VDR204	1-802-245-11	s	ESD SUPPRESSOR
VDR205	1-802-481-11	s	ESD SUPPRESSOR (4 ARRAY)
VDR206	1-802-481-11	s	ESD SUPPRESSOR (4 ARRAY)
VDR207	1-802-481-11	s	ESD SUPPRESSOR (4 ARRAY)
VDR208	1-802-481-11	s	ESD SUPPRESSOR (4 ARRAY)
VDR600	1-802-090-21	s	VARISTOR, CHIP
VDR601	1-802-090-21	s	VARISTOR, CHIP
VDR602	1-802-090-21	s	VARISTOR, CHIP
VDR603	1-802-090-21	s	VARISTOR, CHIP
X100	1-795-416-21	s	VIBRATOR, CRYSTAL (33 MHz)
X200	1-814-023-11	s	QUARTS CRYSTAL UNIT (27 MHz)
X300	1-814-023-11	s	QUARTS CRYSTAL UNIT (27 MHz)
X700	1-813-326-21	s	VIBRATOR, CRYSTAL (16.384 MHz)

QB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-186-A	s	MOUNTED CIRCUIT BOARD, QB
C10	1-100-916-11	s	CAP, CERAMIC 0.1MF X7R 1005
C11	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C12	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C13	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C14	1-100-905-11	s	CAP, CERAMIC1000PF X7R 1005
C15	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN10	1-565-269-12	s	SOCKET, CONNECTOR (D-SUB,L) 9P
CN11	1-820-182-11	o	HEADER ASSEMBLY (PRINT PWB) 5P
D10	6-503-026-01	s	DI DZ2J120M0L
D11	6-502-979-01	s	DI DA4J104K0L
FB10	1-400-331-21	s	FERRITE, EMI (SMD) (1005)
J10	1-566-822-21	s	JACK
R10	1-218-973-81	s	RES, CHIP 47K
R11	1-208-887-81	s	RES, CHIP 1.0K (1005)
R12	1-218-823-91	s	RES, CHIP 100 (1608)
R13	1-218-973-81	s	RES, CHIP 47K
VDR10	1-802-090-21	s	VARISTOR, CHIP

TA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-325-A	s	MOUNTED CIRCUIT BOARD, TA
C35	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN35	1-820-298-11	o	HEADER ASSEMBLY (PRINT PWB) 4P
TH35	1-804-949-11	s	THERMISTOR, NTC (SMD)

TL BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1782-321-A	s	MOUNTED CIRCUIT BOARD, TL
C70	1-114-325-11	s	CAP, CERAMIC 0.1MF X7R 1608
CN70	1-820-298-11	o	HEADER ASSEMBLY (PRINT PWB) 4P
TH70	1-804-949-11	s	THERMISTOR, NTC (SMD)

```
-------
U BOARD
-------
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      A-1782-322-A s MOUNTED CIRCUIT BOARD, U

 CN20     1-819-472-11 o HEADER ASSEMBLY FOR PWB 2P

 S20      1-570-504-12 s SWITCH, MICRO
```

```
-------
V BOARD
-------
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      A-1782-323-A s MOUNTED CIRCUIT BOARD, V

 CN30     1-819-464-11 o HEADER ASEEMBLY FOR PWB 2P

 S30      1-570-504-12 s SWITCH, MICRO
```

3-4. Packing Materials & Supplied Accessories

```
---------------------------------------
PACKING MATERIALS & SUPPLIED ACCESSORIES
---------------------------------------

*1:[VPL-VW90ES(U)]
*2:[VPL-VW90ES(J)]
*3:[VPL-VW90ES(SY)]
*4:[VPL-VW90ES(CN)]

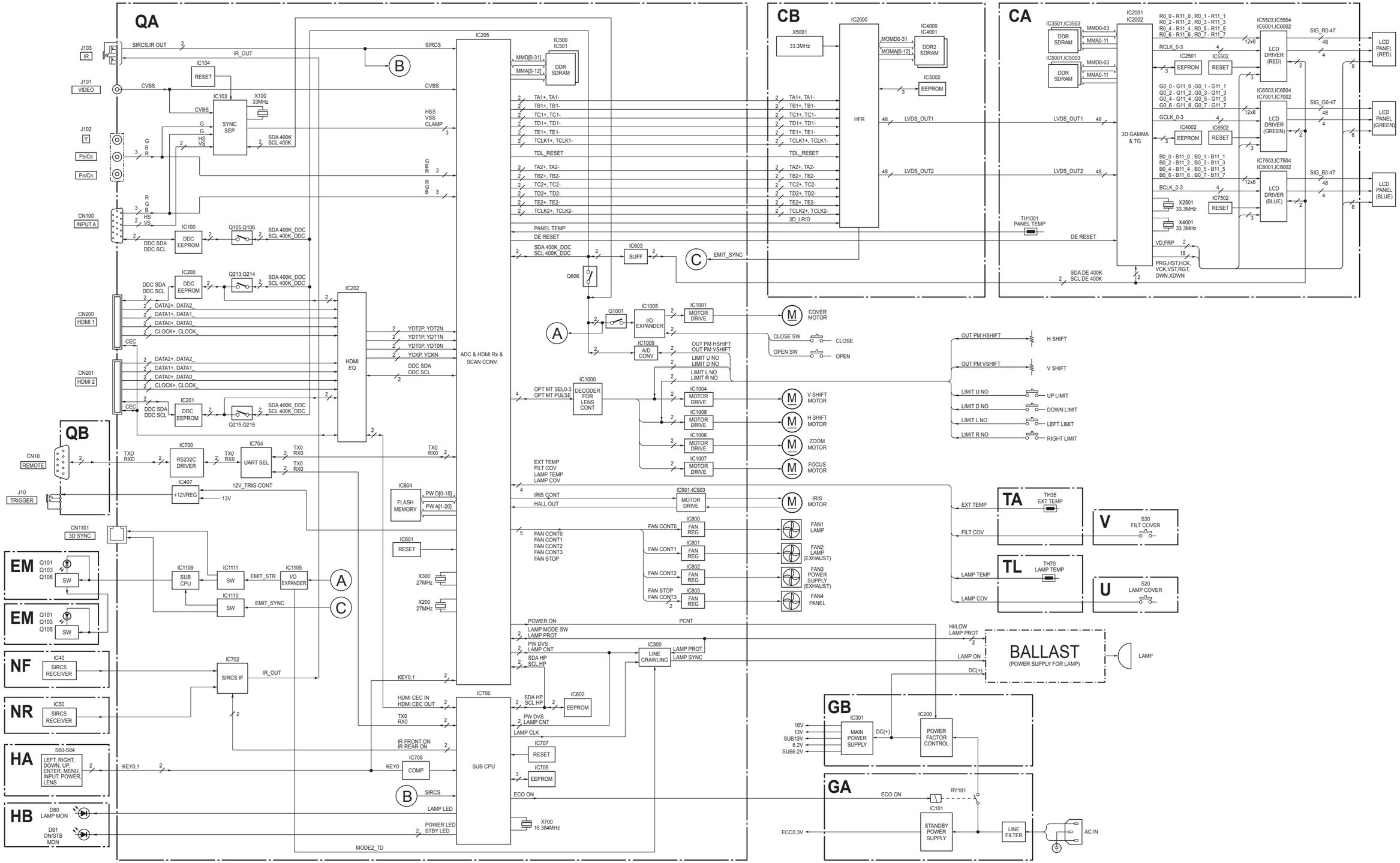
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc *1*3 1-480-946-22 s REMOTE COMMANDER (RM-PJVW85)
 1pc *1*3 9-885-120-26 s BATTERY COVER (for RM-PJVW85)
 1pc   *2 1-487-038-22 s REMOTE COMMANDER (RM-PJVW85J)
 1pc   *2 9-885-120-26 s BATTERY COVER (for RM-PJVW85J)
 1pc
     *1 ⚠ 1-534-827-14 s CORD, POWER

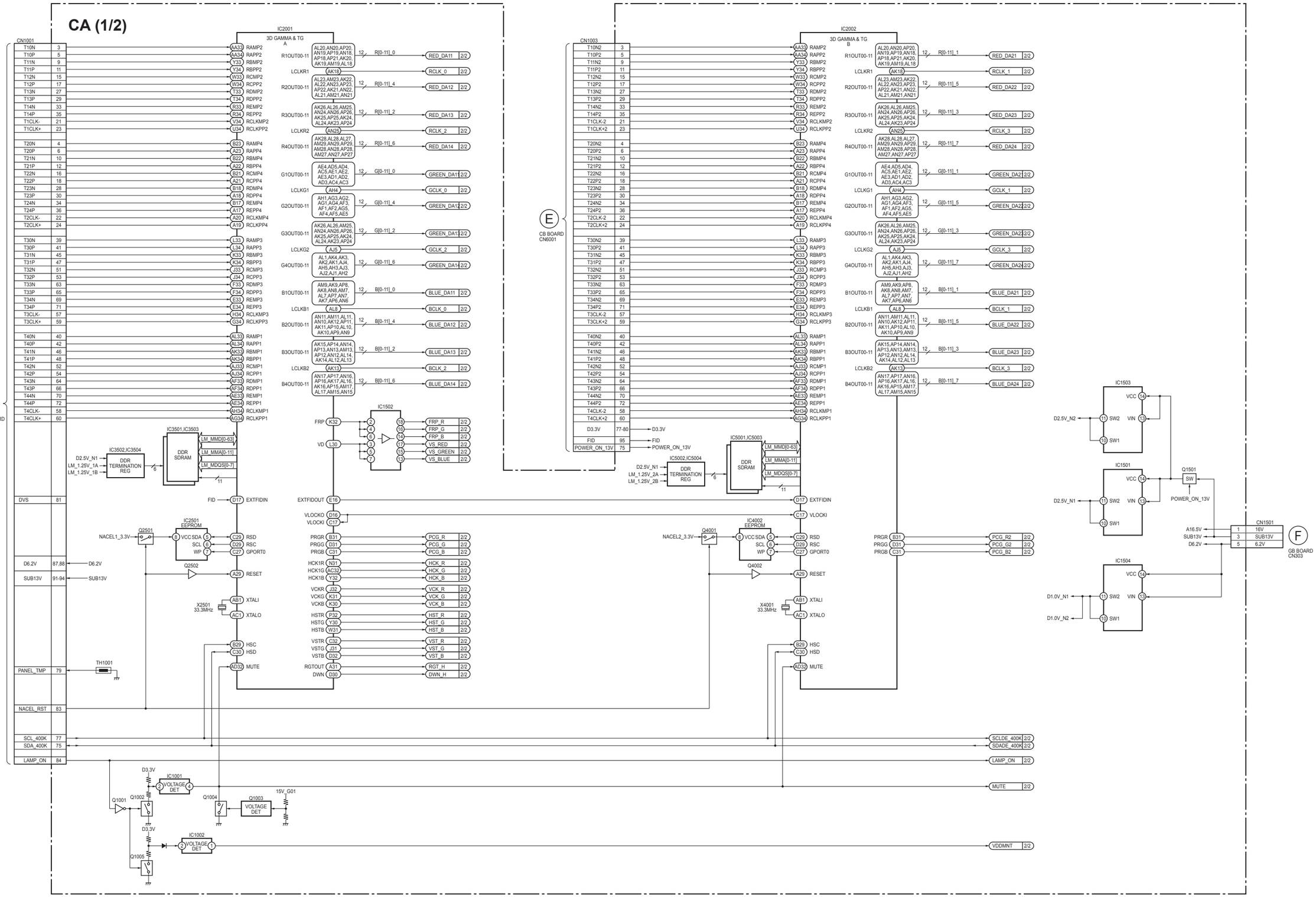
 1pc *2 ⚠ 1-791-041-32 s CORD SET, POWER
 1pc      1-838-711-11 s CABLE, CONVERSION
 1pc *4 ⚠ 1-833-005-11 s CORD, POWER
 1pc      3-218-516-03 s PACK, CD-ROM
                         README
                         (JAPANESE, ENGLISH,
                          SIMPLIFIED CHINESE)
                         HELP
                         (JAPANESE, ENGLISH,
                          SIMPLIFIED CHINESE)
 1pc *2 ⚠ 4-262-154-01 s MANUAL, INSTRUCTION (JAPANESE)

 1pc
   *1*3 ⚠ 4-262-154-11 s MANUAL, INSTRUCTION (ENGLISH)
 1pc *3 ⚠ 4-262-154-21 s MANUAL, INSTRUCTION
                         (FRENCH, SPANISH, GERMAN, ITALIAN)
 1pc *4 ⚠ 4-262-154-31 s MANUAL, INSTRUCTION
                         (SIMPLIFIED CHINESE)
```

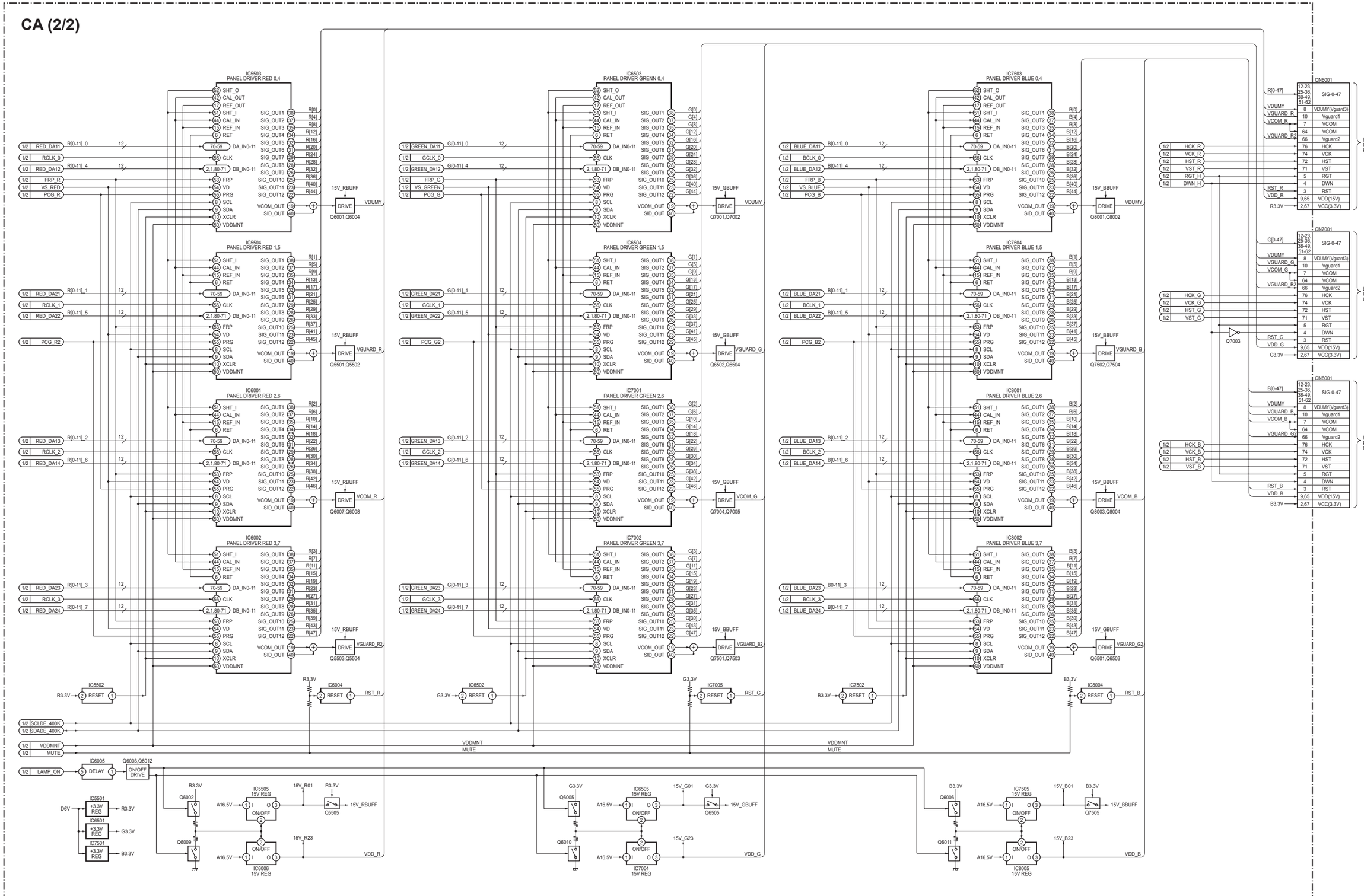
Section 4
Block Diagrams

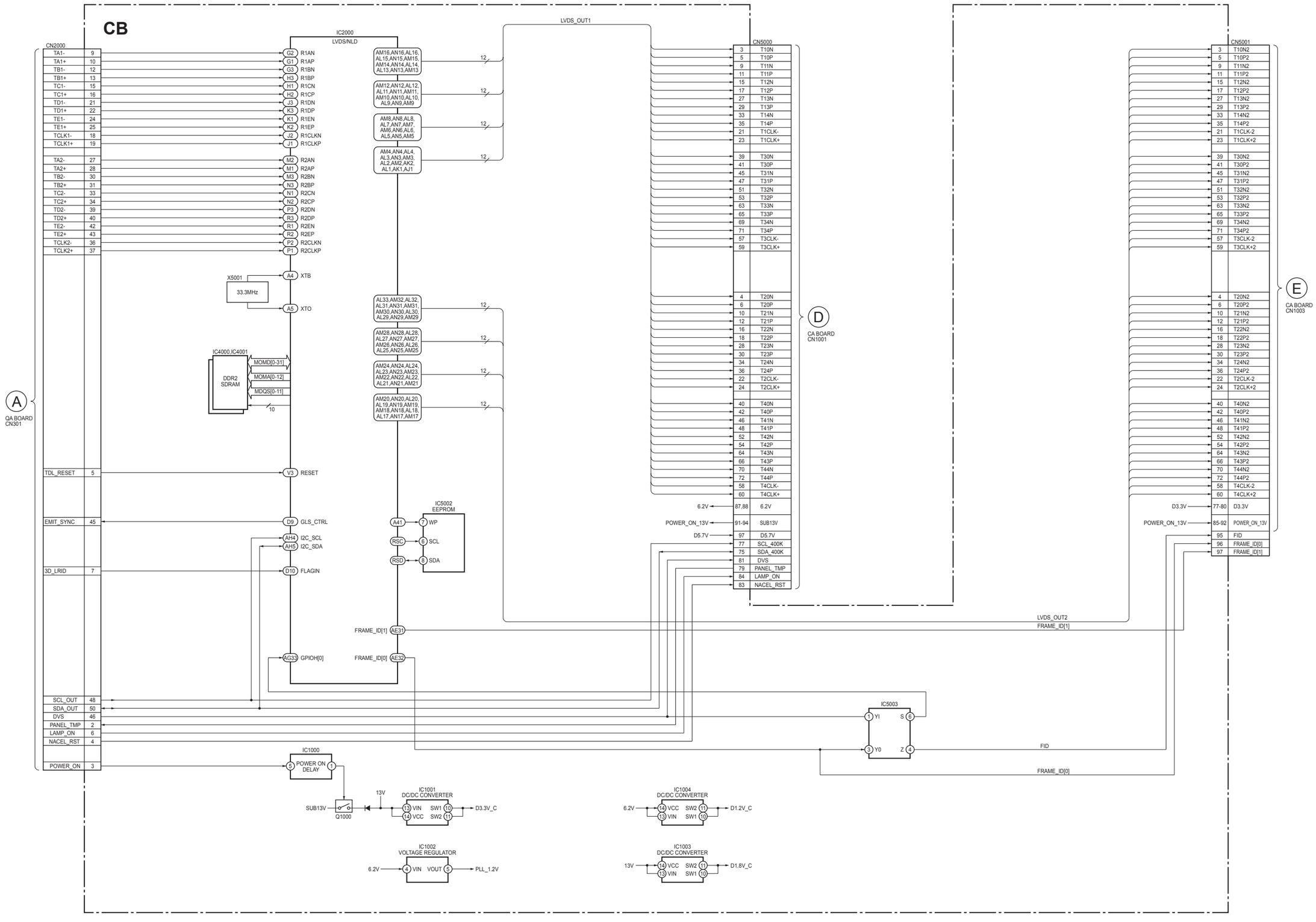


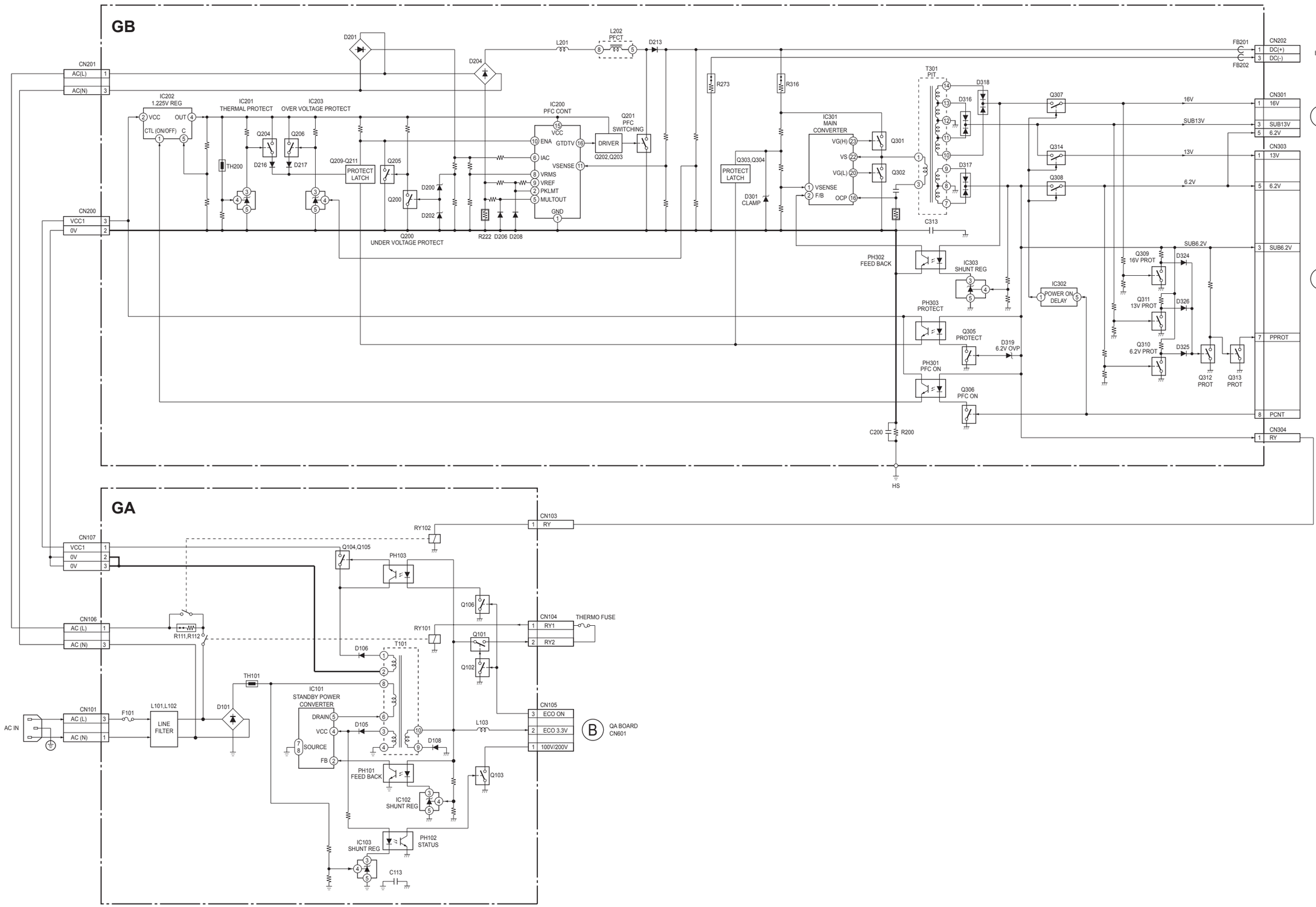
CA (1/2)


CN1001
IC2001
3D GAMMA & TG A
IC2002
3D GAMMA & TG B
CN1003
D CB BOARD CN5001
E CB BOARD CN6001
IC1502
IC3501,IC3503
IC3502,IC3504
DDR SDRAM
DDR TERMINATION REG
IC5001,IC5003
IC5002,IC5004
IC2501 EEPROM
IC4002 EEPROM
Q2501
Q2502
Q4001
Q4002
X2501 33.3MHz
X4001 33.3MHz
TH1001
IC1001
IC1002
Q1001
Q1002
Q1003
Q1004
Q1005
IC1503
IC1501
IC1504
Q1501
CN1501
F GB BOARD CN303
RAMP2
RAPP2
RBMP2
RBPP2
RCMP2
RCPP2
RDMP2
RDPP2
REMP2
REPP2
RCLKMP2
RCLKPP2
RAMP4
RAPP4
RBMP4
RBPP4
RCMP4
RCPP4
RDMP4
RDPP4
REMP4
REPP4
RCLKMP4
RCLKPP4
RAMP3
RAPP3
RBMP3
RBPP3
RCMP3
RCPP3
RDMP3
RDPP3
REMP3
REPP3
RCLKMP3
RCLKPP3
RAMP1
RAPP1
RBMP1
RBPP1
RCMP1
RCPP1
RDMP1
RDPP1
REMP1
REPP1
RCLKMP1
RCLKPP1
LM_MMD[0-63]
LM_MMA[0-11]
LM_MDQS[0-7]
D2.5V_N1
LM_1.25V_1A
LM_1.25V_1B
LM_1.25V_2A
LM_1.25V_2B
FID
EXTFIDIN
EXTFIDOUT
VLOCKO
VLOCKI
RSD
RSC
GPORT0
RESET
XTALI
XTALO
HSC
HSD
MUTE
D6.2V
SUB13V
D3.3V
POWER_ON_13V
A16.5V
D1.0V_N1
D1.0V_N2
DVS
PANEL_TMP
NACEL_RST
SCL_400K
SDA_400K
LAMP_ON
VDDMNT
R1OUT00-11
R2OUT00-11
R3OUT00-11
R4OUT00-11
G1OUT00-11
G2OUT00-11
G3OUT00-11
G4OUT00-11
B1OUT00-11
B2OUT00-11
B3OUT00-11
B4OUT00-11
LCLKR1
LCLKR2
LCLKG1
LCLKG2
LCLKB1
LCLKB2
R[0-11]_0
R[0-11]_1
R[0-11]_2
R[0-11]_3
R[0-11]_4
R[0-11]_5
R[0-11]_6
R[0-11]_7
G[0-11]_0
G[0-11]_1
G[0-11]_2
G[0-11]_3
G[0-11]_4
G[0-11]_5
G[0-11]_6
G[0-11]_7
B[0-11]_0
B[0-11]_1
B[0-11]_2
B[0-11]_3
B[0-11]_4
B[0-11]_5
B[0-11]_6
B[0-11]_7
RED_DA11
RED_DA21
RED_DA12
RED_DA22
RED_DA13
RED_DA23
RED_DA14
RED_DA24
GREEN_DA1
GREEN_DA2
BLUE_DA11
BLUE_DA21
BLUE_DA12
BLUE_DA22
BLUE_DA13
BLUE_DA23
BLUE_DA14
BLUE_DA24
RCLK_0
RCLK_1
RCLK_2
RCLK_3
GCLK_0
GCLK_1
GCLK_2
GCLK_3
BCLK_0
BCLK_1
BCLK_2
BCLK_3
FRP
VD
FRP_R
FRP_G
FRP_B
VS_RED
VS_GREEN
VS_BLUE
PRGR
PRGG
PRGB
HCK1R
HCK1G
HCK1B
VCKR
VCKG
VCKB
HSTR
HSTG
HSTB
VSTR
VSTG
VSTB
RGTOUT
DWN
PCG_R
PCG_G
PCG_B
HCK_R
HCK_G
HCK_B
VCK_R
VCK_G
VCK_B
HST_R
HST_G
HST_B
VST_R
VST_G
VST_B
RGT_H
DWN_H
SCLDE_400K
SDADE_400K

CA (2/2)


IC5503 PANEL DRIVER RED 0,4
IC5504 PANEL DRIVER RED 1,5
IC6001 PANEL DRIVER RED 2,6
IC6002 PANEL DRIVER RED 3,7
IC6503 PANEL DRIVER GRENN 0,4
IC6504 PANEL DRIVER GREEN 1,5
IC7001 PANEL DRIVER GREEN 2,6
IC7002 PANEL DRIVER GREEN 3,7
IC7503 PANEL DRIVER BLUE 0,4
IC7504 PANEL DRIVER BLUE 1,5
IC8001 PANEL DRIVER BLUE 2,6
IC8002 PANEL DRIVER BLUE 3,7
SHT_O
CAL_OUT
REF_OUT
SHT_I
CAL_IN
REF_IN
RET
DA_IN0-11
CLK
DB_IN0-11
FRP
VD
PRG
SCL
SDA
XCLR
VDDMNT
SIG_OUT1
SIG_OUT2
SIG_OUT3
SIG_OUT4
SIG_OUT5
SIG_OUT6
SIG_OUT7
SIG_OUT8
SIG_OUT9
SIG_OUT10
SIG_OUT11
SIG_OUT12
VCOM_OUT
SID_OUT
15V_RBUFF
15V_GBUFF
15V_BBUFF
DRIVE
VDUMY
VGUARD_R
VGUARD_G
VGUARD_B
VCOM_R
VCOM_G
VCOM_B
Q6001,Q6004
Q6501,Q6502
Q6503,Q6504
Q6007,Q6008
Q7001,Q7002
Q7501,Q7503
Q7004,Q7005
Q8001,Q8002
Q7502,Q7504
Q6501,Q6503
Q8003,Q8004
Q5501,Q5502
Q5503,Q5504
Q6505
Q7505
RED_DA11
RED_DA12
RED_DA21
RED_DA22
RED_DA13
RED_DA14
RED_DA23
RED_DA24
GREEN_DA11
GREEN_DA12
GREEN_DA21
GREEN_DA22
GREEN_DA13
GREEN_DA14
GREEN_DA23
GREEN_DA24
BLUE_DA11
BLUE_DA12
BLUE_DA21
BLUE_DA22
BLUE_DA13
BLUE_DA14
BLUE_DA23
BLUE_DA24
RCLK_0
RCLK_1
RCLK_2
RCLK_3
GCLK_0
GCLK_1
GCLK_2
GCLK_3
BCLK_0
BCLK_1
BCLK_2
BCLK_3
FRP_R
FRP_G
FRP_B
VS_RED
VS_GREEN
VS_BLUE
PCG_R
PCG_G
PCG_B
PCG_R2
PCG_G2
PCG_B2
R[0-11]_0
R[0-11]_1
R[0-11]_2
R[0-11]_3
R[0-11]_4
R[0-11]_5
R[0-11]_6
R[0-11]_7
G[0-11]_0
G[0-11]_1
G[0-11]_2
G[0-11]_3
G[0-11]_4
G[0-11]_5
G[0-11]_6
G[0-11]_7
B[0-11]_0
B[0-11]_1
B[0-11]_2
B[0-11]_3
B[0-11]_4
B[0-11]_5
B[0-11]_6
B[0-11]_7
SCLDE_400K
SDADE_400K
VDDMNT
MUTE
LAMP_ON
IC6005
DELAY
Q6003,Q6012
ON/OFF DRIVE
IC5502
IC6004
IC6502
IC7005
IC7502
IC8004
RESET
R3.3V
G3.3V
B3.3V
RST_R
RST_G
RST_B
IC5501
IC6501
IC7501
+3.3V REG
D6V
Q6002
Q6009
Q6005
Q6010
Q6006
Q6011
IC5505 15V REG
IC6006 15V REG
IC6505 15V REG
IC7004 15V REG
IC7505 15V REG
IC8005 15V REG
A16.5V
ON/OFF
15V_R01
15V_R23
15V_G01
15V_G23
15V_B01
15V_B23
VDD_R
VDD_G
VDD_B
Q7003
CN6001
CN7001
CN8001
R[0-47]
G[0-47]
B[0-47]
SIG-0-47
VDUMY
VGUARD_R
VCOM_R
VGUARD_R2
VGUARD_G
VCOM_G
VGUARD_B2
VGUARD_B
VCOM_B
VGUARD_G2
VDUMY(Vguard3)
Vguard1
VCOM
Vguard2
HCK_R
VCK_R
HST_R
VST_R
RGT_H
DWN_H
RST_R
VDD_R
R3.3V
HCK_G
VCK_G
HST_G
VST_G
RST_G
VDD_G
G3.3V
HCK_B
VCK_B
HST_B
VST_B
RST_B
VDD_B
B3.3V
HCK
VCK
HST
VST
RGT
DWN
RST
VDD(15V)
VCC(3.3V)
LCD PANEL RED
LCD PANEL GREEN
LCD PANEL BLUE


CB
CN2000
TA1- 9
TA1+ 10
TB1- 12
TB1+ 13
TC1- 15
TC1+ 16
TD1- 21
TD1+ 22
TE1- 24
TE1+ 25
TCLK1- 18
TCLK1+ 19
TA2- 27
TA2+ 28
TB2- 30
TB2+ 31
TC2- 33
TC2+ 34
TD2- 39
TD2+ 40
TE2- 42
TE2+ 43
TCLK2- 36
TCLK2+ 37
TDL_RESET 5
EMIT_SYNC 45
3D_LRID 7
SCL_OUT 48
SDA_OUT 50
DVS 46
PANEL_TMP 2
LAMP_ON 6
NACEL_RST 4
POWER_ON 3
A
QA BOARD CN301
IC2000 LVDS/NLD
G2 R1AN
G1 R1AP
G3 R1BN
H3 R1BP
H1 R1CN
H2 R1CP
J3 R1DN
K3 R1DP
K1 R1EN
K2 R1EP
J2 R1CLKN
J1 R1CLKP
M2 R2AN
M1 R2AP
M3 R2BN
N3 R2BP
N1 R2CN
N2 R2CP
P3 R2DN
R3 R2DP
R1 R2EN
R2 R2EP
P2 R2CLKN
P1 R2CLKP
X5001
33.3MHz
A4 XTB
A5 XTO
IC4000,IC4001
DDR2 SDRAM
MOMD[0-31]
MOMA[0-12]
MDQS[0-11]
10
V3 RESET
D9 GLS_CTRL
AH4 I2C_SCL
AH5 I2C_SDA
D10 FLAGIN
AG33 GPIOH[0]
AM16,AN16,AL16, AL15,AN15,AM15, AM14,AN14,AL14, AL13,AN13,AM13
AM12,AN12,AL12, AL11,AN11,AM11, AM10,AN10,AL10, AL9,AN9,AM9
AM8,AN8,AL8, AL7,AN7,AM7, AM6,AN6,AL6, AL5,AN5,AM5
AM4,AN4,AL4, AL3,AN3,AM3, AL2,AM2,AK2, AL1,AK1,AJ1
12
AL33,AM32,AL32, AL31,AN31,AM31, AM30,AN30,AL30, AL29,AN29,AM29
AM28,AN28,AL28, AL27,AN27,AM27, AM26,AN26,AL26, AL25,AN25,AM25
AM24,AN24,AL24, AL23,AN23,AM23, AM22,AN22,AL22, AL21,AN21,AM21
AM20,AN20,AL20, AL19,AN19,AM19, AM18,AN18,AL18, AL17,AN17,AM17
IC5002 EEPROM
A41 7 WP
RSC 6 SCL
RSD 8 SDA
FRAME_ID[1] AE31
FRAME_ID[0] AE32
LVDS_OUT1
CN5000
3 T10N
5 T10P
9 T11N
11 T11P
15 T12N
17 T12P
27 T13N
29 T13P
33 T14N
35 T14P
21 T1CLK-
23 T1CLK+
39 T30N
41 T30P
45 T31N
47 T31P
51 T32N
53 T32P
63 T33N
65 T33P
69 T34N
71 T34P
57 T3CLK-
59 T3CLK+
4 T20N
6 T20P
10 T21N
12 T21P
16 T22N
18 T22P
28 T23N
30 T23P
34 T24N
36 T24P
22 T2CLK-
24 T2CLK+
40 T40N
42 T40P
46 T41N
48 T41P
52 T42N
54 T42P
64 T43N
66 T43P
70 T44N
72 T44P
58 T4CLK-
60 T4CLK+
6.2V 87,88 6.2V
POWER_ON_13V 91-94 SUB13V
D5.7V 97 D5.7V
77 SCL_400K
75 SDA_400K
81 DVS
79 PANEL_TMP
84 LAMP_ON
83 NACEL_RST
D
CA BOARD CN1001
LVDS_OUT2
FRAME_ID[1]
IC5003
1 YI S 6
3 Y0 Z 4
FID
FRAME_ID[0]
IC1000
POWER ON DELAY
5 1
SUB13V
Q1000
13V
IC1001 DC/DC CONVERTER
13 VIN SW1 10
14 VCC SW2 11
D3.3V_C
IC1002 VOLTAGE REGULATOR
6.2V 4 VIN VOUT 5 PLL_1.2V
IC1004 DC/DC CONVERTER
6.2V 14 VCC SW2 11
13 VIN SW1 10
D1.2V_C
IC1003 DC/DC CONVERTER
13V 14 VCC SW2 11
13 VIN SW1 10
D1.8V_C
CN5001
3 T10N2
5 T10P2
9 T11N2
11 T11P2
15 T12N2
17 T12P2
27 T13N2
29 T13P2
33 T14N2
35 T14P2
21 T1CLK-2
23 T1CLK+2
39 T30N2
41 T30P2
45 T31N2
47 T31P2
51 T32N2
53 T32P2
63 T33N2
65 T33P2
69 T34N2
71 T34P2
57 T3CLK-2
59 T3CLK+2
4 T20N2
6 T20P2
10 T21N2
12 T21P2
16 T22N2
18 T22P2
28 T23N2
30 T23P2
34 T24N2
36 T24P2
22 T2CLK-2
24 T2CLK+2
40 T40N2
42 T40P2
46 T41N2
48 T41P2
52 T42N2
54 T42P2
64 T43N2
66 T43P2
70 T44N2
72 T44P2
58 T4CLK-2
60 T4CLK+2
D3.3V 77-80 D3.3V
POWER_ON_13V 85-92 POWER_ON_13V
95 FID
96 FRAME_ID[0]
97 FRAME_ID[1]
E
CA BOARD CN1003


GB
CN201
AC(L) 1
AC(N) 3
CN200
VCC1 3
0V 2
D201
D204
L201
L202 PFCT
D213
IC202 1.225V REG
VCC OUT
CTL (ON/OFF) C
IC201 THERMAL PROTECT
TH200
IC203 OVER VOLTAGE PROTECT
Q204
Q206
D216
D217
Q209-Q211 PROTECT LATCH
Q205
Q200
D200
D202
Q200 UNDER VOLTAGE PROTECT
IC200 PFC CONT
VCC
ENA
IAC
VSENSE
VRMS
VREF
PKLMT
MULTOUT
GND
GTDTV
DRIVER
Q201 PFC SWITCHING
Q202,Q203
R222 D206 D208
R273
R316
Q303,Q304 PROTECT LATCH
D301 CLAMP
IC301 MAIN CONVERTER
VG(H)
VS
VG(L)
VSENSE
F/B
OCP
Q301
Q302
T301 PIT
D318
D316
D317
C313
PH302 FEED BACK
IC303 SHUNT REG
PH303 PROTECT
Q305 PROTECT
D319 6.2V OVP
PH301 PFC ON
Q306 PFC ON
C200
R200
HS
IC302 POWER ON DELAY
Q307
Q314
Q308
Q309 16V PROT
Q311 13V PROT
Q310 6.2V PROT
D324
D326
D325
Q312 PROT
Q313 PROT
FB201
FB202
CN202
DC(+) 1
DC(-) 3
BALLAST
CN301
16V 1
SUB13V 3
6.2V 5
F CA BOARD CN1501
CN303
13V 1
6.2V 5
SUB6.2V 3
PPROT 7
PCNT 8
CN304
RY 1
C QA BOARD CN400
GA
CN103
RY 1
RY102
CN107
VCC1 1
0V 2
0V 3
Q104,Q105
PH103
Q106
CN106
AC (L) 1
AC (N) 3
R111,R112
RY101
CN104
RY1 1
RY2 2
THERMO FUSE
Q101
Q102
D106
T101
TH101
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DRAIN
VCC
SOURCE
FB
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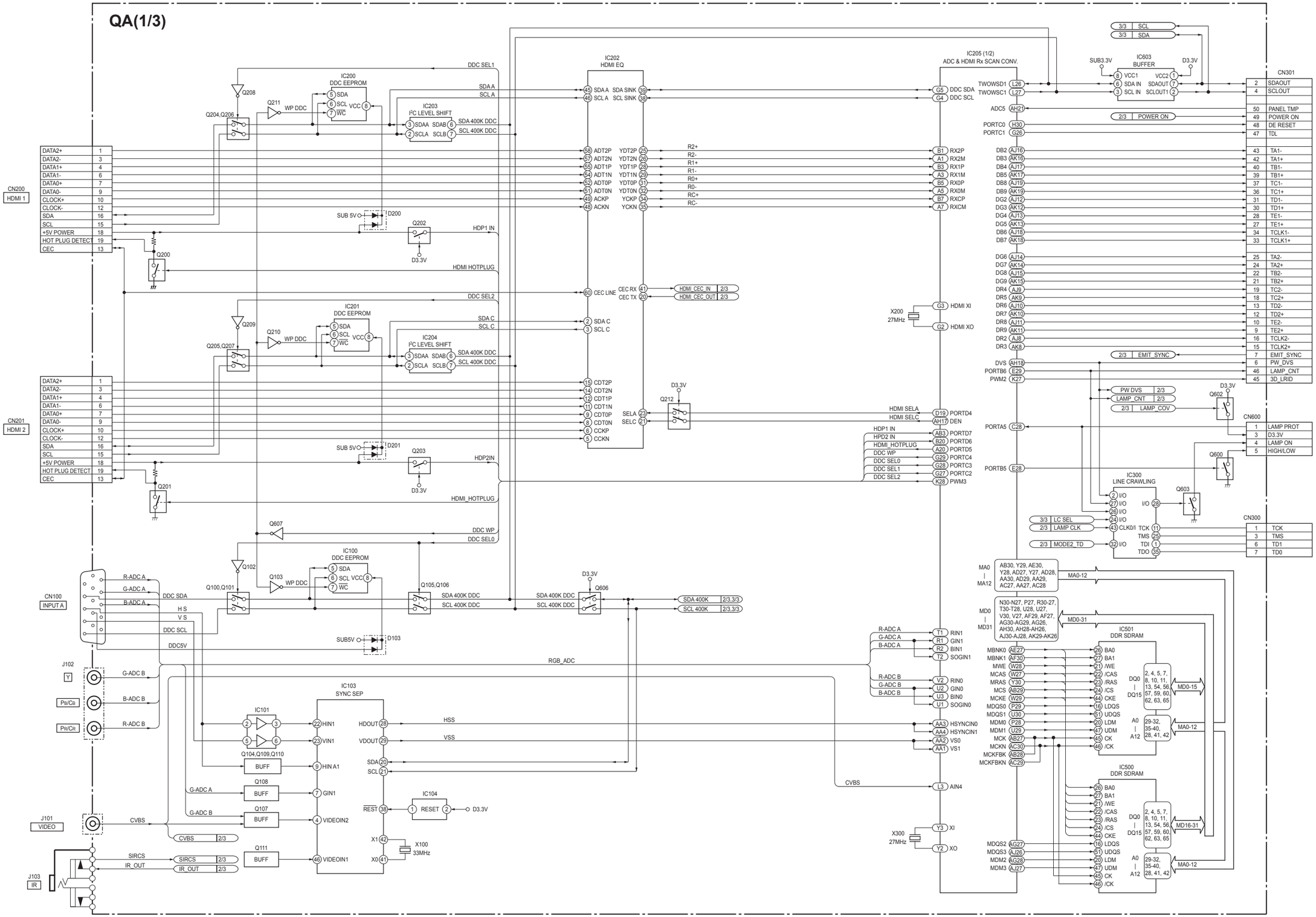
D108
L103
CN105
ECO ON 3
ECO 3.3V 2
100V/200V 1
B QA BOARD CN601
AC IN
CN101
AC (L) 3
AC (N) 1
F101
L101,L102
LINE FILTER
D101
PH101 FEED BACK
IC102 SHUNT REG
Q103
IC103 SHUNT REG
PH102 STATUS
C113

QA(1/3)


CN200 HDMI 1
DATA2+ 1
DATA2- 3
DATA1+ 4
DATA1- 6
DATA0+ 7
DATA0- 9
CLOCK+ 10
CLOCK- 12
SDA 16
SCL 15
+5V POWER 18
HOT PLUG DETECT 19
CEC 13
CN201 HDMI 2
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DATA2- 3
DATA1+ 4
DATA1- 6
DATA0+ 7
DATA0- 9
CLOCK+ 10
CLOCK- 12
SDA 16
SCL 15
+5V POWER 18
HOT PLUG DETECT 19
CEC 13
CN100 INPUT A
R-ADC A
G-ADC A
B-ADC A
H S
V S
DDC SCL
DDC5V
J102
Y
Pb/Cb
Pr/Cr
G-ADC B
B-ADC B
R-ADC B
J101 VIDEO
CVBS
J103 IR
SIRCS
IR_OUT
DDC SEL1
SDA A
SCL A
IC200 DDC EEPROM
IC203 I²C LEVEL SHIFT
SDA 400K DDC
SCL 400K DDC
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Q211
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SUB 5V
D200
Q202
D3.3V
HDP1 IN
Q200
HDMI HOTPLUG
DDC SEL2
SDA C
SCL C
IC201 DDC EEPROM
IC204 I²C LEVEL SHIFT
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Q210
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Q203
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Q201
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DDC SEL0
IC100 DDC EEPROM
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IC103 SYNC SEP
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Q108 BUFF
Q107 BUFF
Q111 BUFF
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G-ADC B
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SIRCS 2/3
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VIN1
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GIN1
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VIDEOIN1
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VDOUT
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VSS
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X0
X100 33MHz
IC202 HDMI EQ
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SCL A SCL SINK
ADT2P YDT2P
ADT2N YDT2N
ADT1P YDT1P
ADT1N YDT1N
ADT0P YDT0P
ADT0N YDT0N
ACKP YCKP
ACKN YCKN
R2+ R2- R1+ R1- R0+ R0- RC+ RC-
CEC LINE
CEC RX CEC TX
HDMI_CEC_IN 2/3
HDMI_CEC_OUT 2/3
CDT2P CDT2N CDT1P CDT1N CDT0P CDT0N CCKP CCKN
SELA SELC
Q212
D3.3V
IC205 (1/2) ADC & HDMI Rx SCAN CONV.
DDC SDA DDC SCL
RX2P RX2M RX1P RX1M RX0P RX0M RXCP RXCM
X200 27MHz
HDMI XI HDMI XO
HDMI SELA HDMI SELC DEN
HDP1 IN HPD2 IN HDMI_HOTPLUG DDC WP DDC SEL0 DDC SEL1 DDC SEL2
PORTD4 PORTD7 PORTD6 PORTD5 PORTC4 PORTC3 PORTC2 PWM3
R-ADC A G-ADC A B-ADC A
R-ADC B G-ADC B B-ADC B
RIN1 GIN1 BIN1 SOGIN1
RIN0 GIN0 BIN0 SOGIN0
HSYNCIN0 HSYNCIN1 VS0 VS1
CVBS
AIN4
X300 27MHz
Y3 XI Y2 XO
IC603 BUFFER
SUB3.3V
D3.3V
TWOWSD1 TWOWSC1
3/3 SCL
3/3 SDA
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PORTC0 PORTC1
2/3 POWER ON
DB2 DB3 DB4 DB5 DB8 DB9 DG2 DG3 DG4 DG5 DB6 DB7
DG6 DG7 DG8 DG9 DR4 DR5 DR6 DR7 DR8 DR9 DR2 DR3
DVS PORTB6 PWM2
2/3 EMIT_SYNC
PW DVS 2/3
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Q602
PORTA5
PORTB5
Q600
Q603
IC300 LINE CRAWLING
3/3 LC SEL
2/3 LAMP CLK
2/3 MODE2_TD
CN301
SDAOUT SCLOUT
PANEL TMP
POWER ON
DE RESET
TDL
TA1- TA1+ TB1- TB1+ TC1- TC1+ TD1- TD1+ TE1- TE1+ TCLK1- TCLK1+
TA2- TA2+ TB2- TB2+ TC2- TC2+ TD2- TD2+ TE2- TE2+ TCLK2+
EMIT_SYNC PW_DVS LAMP_CNT 3D_LRID
CB BOARD CN2001
A
CN600
LAMP PROT D3.3V LAMP ON HIGH/LOW
BALLAST
CN300
TCK TMS TD1 TD0
MA0 | MA12
AB30, Y29, AE30, Y28, AD27, Y27, AD28, AA30, AD29, AA29, AC27, AA27, AC28
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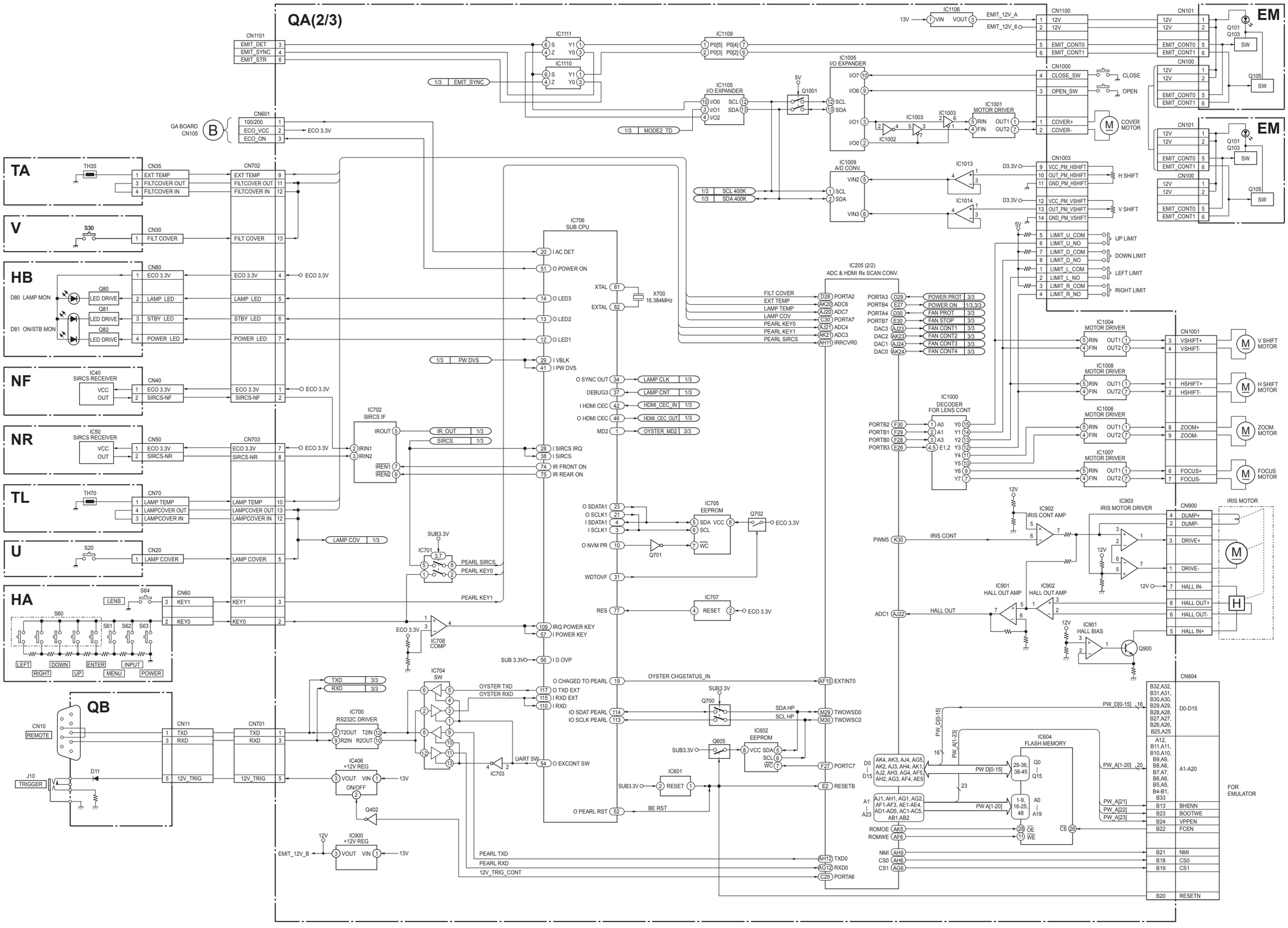
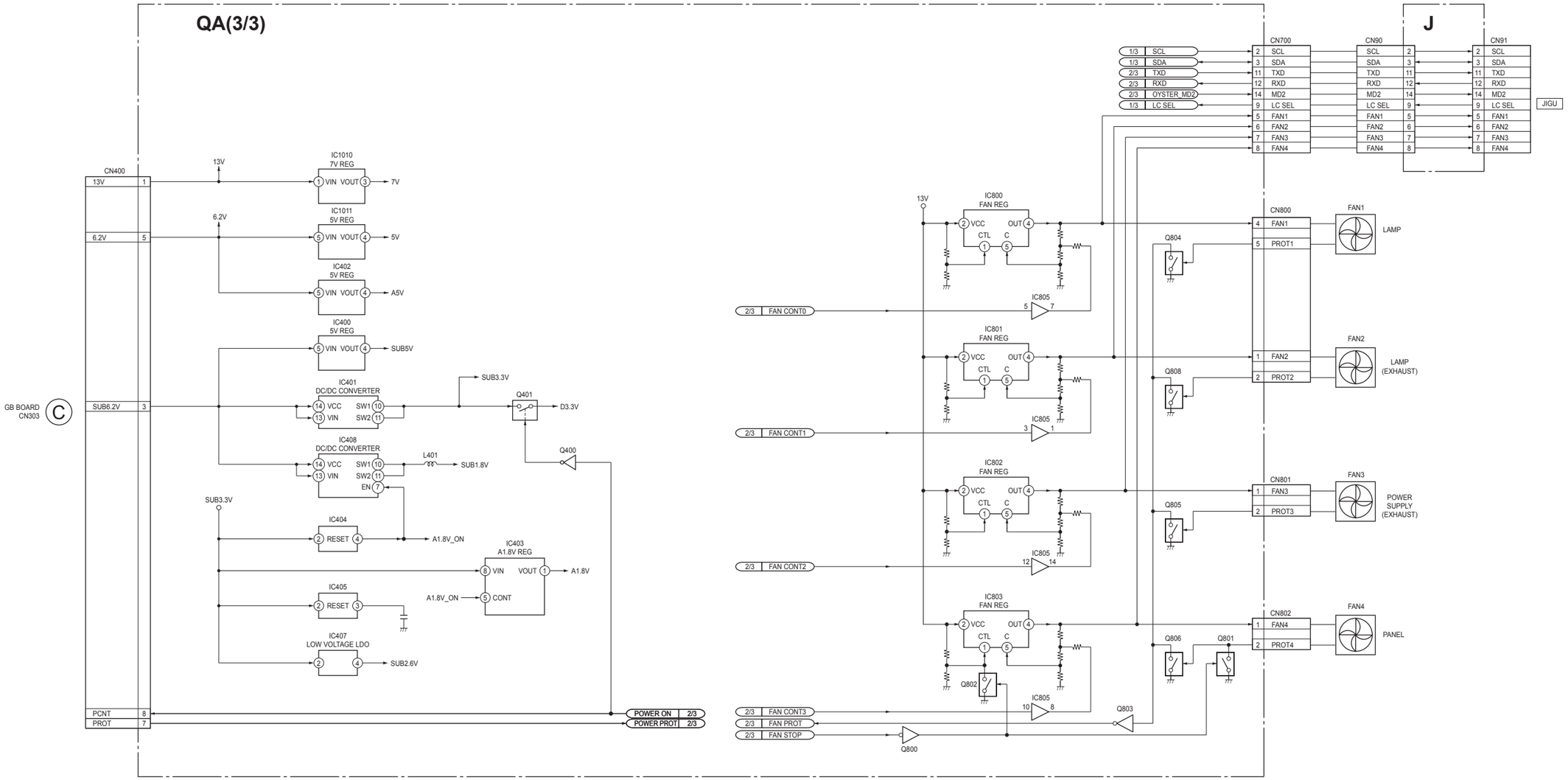
MD0 | MD31
N30-N27, P27, R30-27, T30-T28, U28, U27, V30, V27, AF29, AF27, AG30-AG29, AG26, AH30, AH28-AH26, AJ30-AJ28, AK29-AK26
MD0-31
IC501 DDR SDRAM
IC500 DDR SDRAM
MBNK0 MBNK1 MWE MCAS MRAS MCS MCKE MDQS0 MDQS1 MDM0 MDM1 MCK MCKN MCKFBK MCKFBKN
BA0 BA1 /WE /CAS /RAS /CS CKE LDQS UDQS LDM UDM CK /CK
DQ0 | DQ15
2, 4, 5, 7, 8, 10, 11, 13, 54, 56, 57, 59, 60, 62, 63, 65
MD0-15
MD16-31
A0 | A12
29-32, 35-40, 28, 41, 42
MA0-12
MDQS2 MDQS3 MDM2 MDM3

EM, HA, HB, NF, NR, QA (2/3), QB, TA, TL, U, V




QA(3/3)
J
CN400
13V
6.2V
SUB6.2V
PCNT
PROT
GB BOARD CN303
IC1010 7V REG
IC1011 5V REG
IC402 5V REG
IC400 5V REG
IC401 DC/DC CONVERTER
IC408 DC/DC CONVERTER
IC404
IC405
IC407 LOW VOLTAGE LDO
IC403 A1.8V REG
SUB3.3V
SUB5V
A5V
SUB1.8V
SUB2.6V
A1.8V_ON
A1.8V
L401
Q401
Q400
D3.3V
POWER ON 2/3
POWER PROT 2/3
IC800 FAN REG
IC801 FAN REG
IC802 FAN REG
IC803 FAN REG
IC805
Q804
Q808
Q805
Q806
Q801
Q802
Q803
Q800
FAN CONT0
FAN CONT1
FAN CONT2
FAN CONT3
FAN PROT
FAN STOP
CN700
CN90
CN91
JIGU
SCL
SDA
TXD
RXD
MD2
LC SEL
OYSTER_MD2
FAN1
FAN2
FAN3
FAN4
CN800
CN801
CN802
PROT1
PROT2
PROT3
PROT4
LAMP
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POWER SUPPLY (EXHAUST)
PANEL

Section 5
Schematic Diagrams

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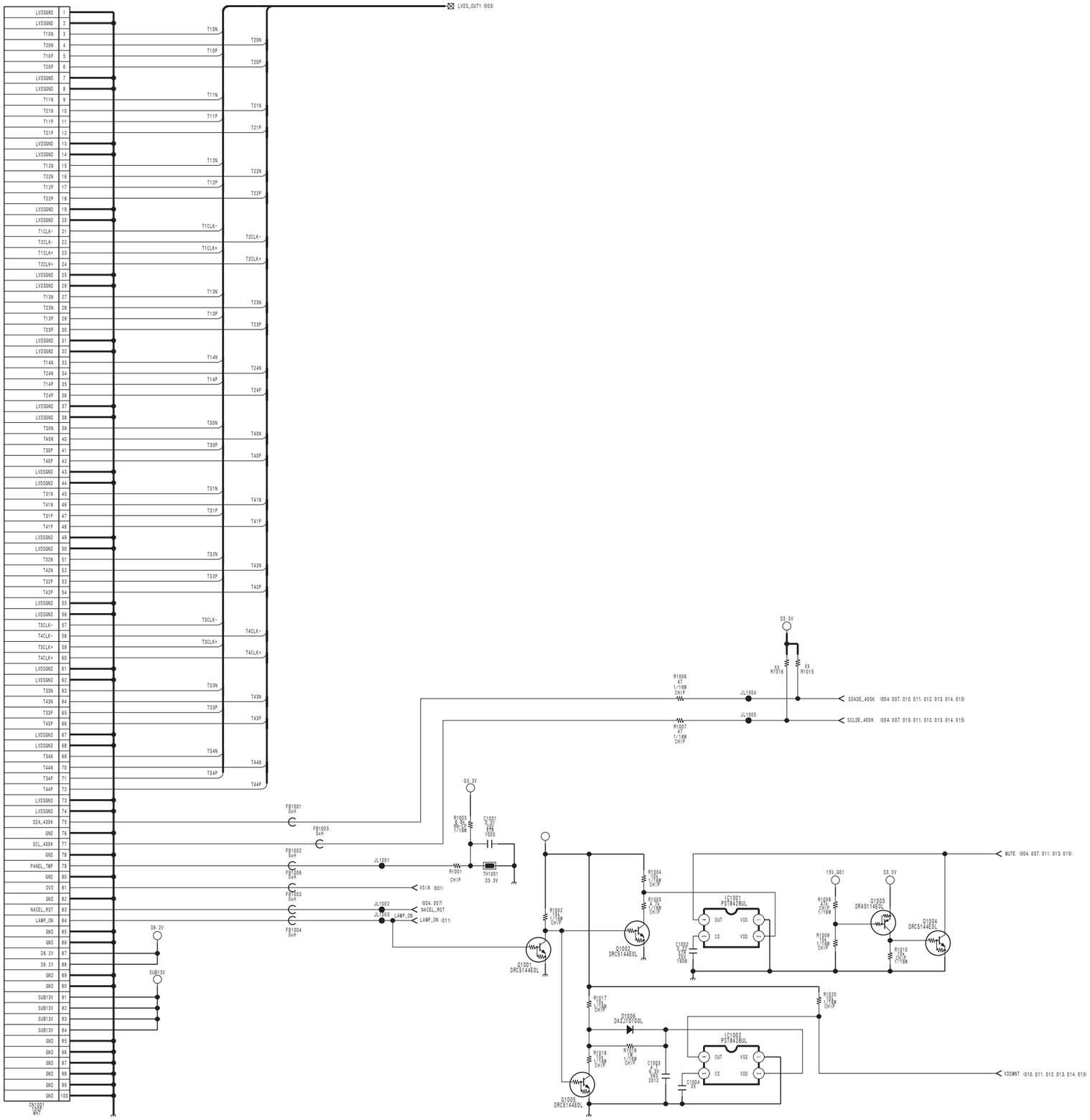
注意

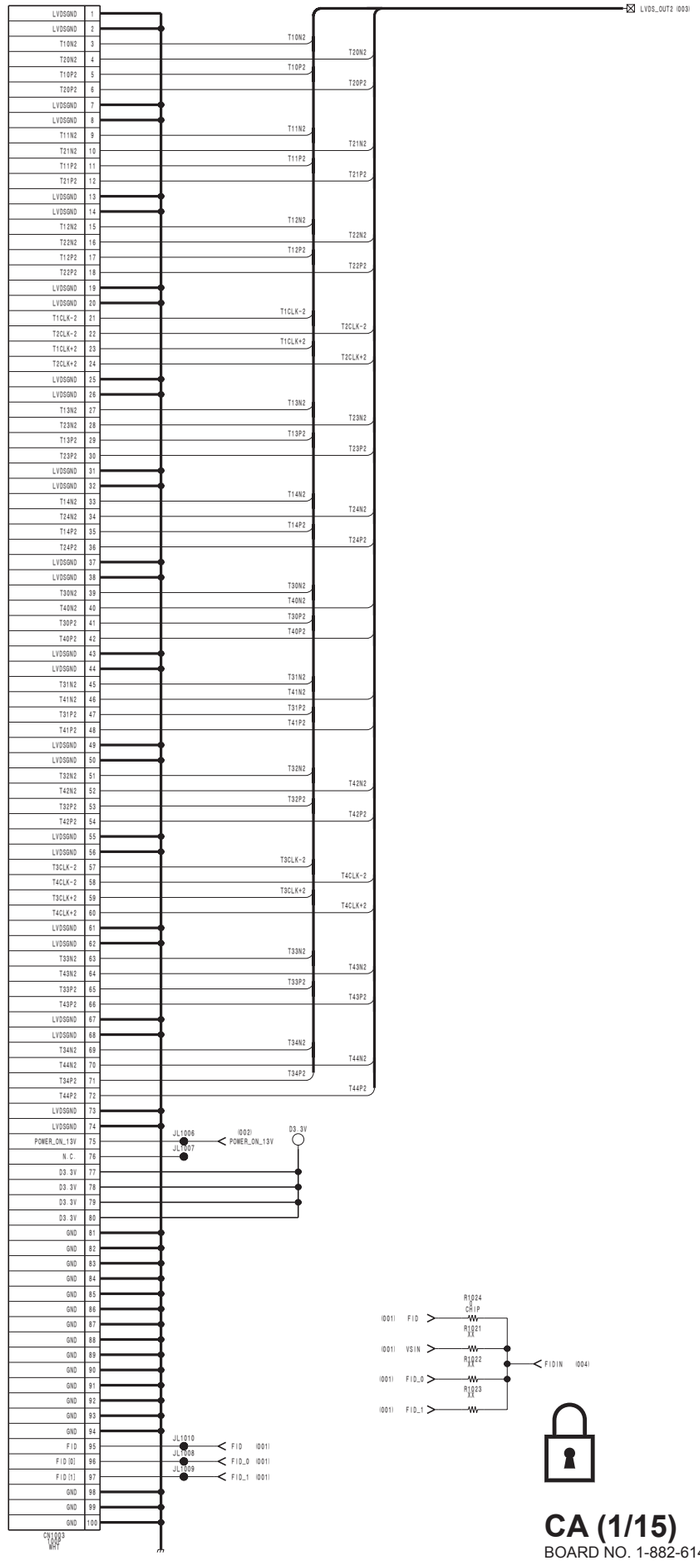
🔒印の部品には，秘密情報が含まれています。
修理の際は，指示に従った対応を行ってください。

Note

The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

CA (1/15)
SUFFIX: -11





CA (1/15)
BOARD NO. 1-882-614-11

CA (2/15)
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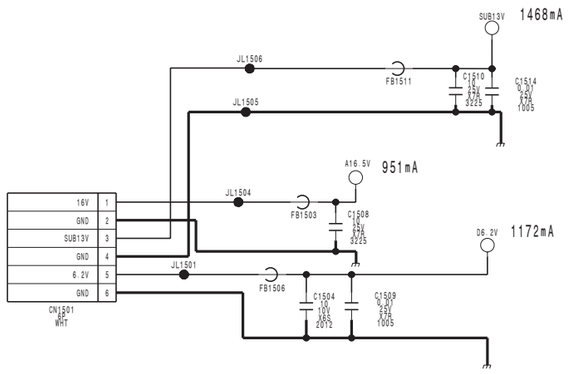
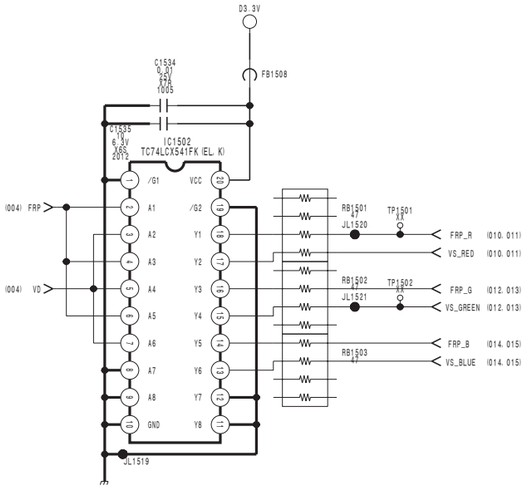
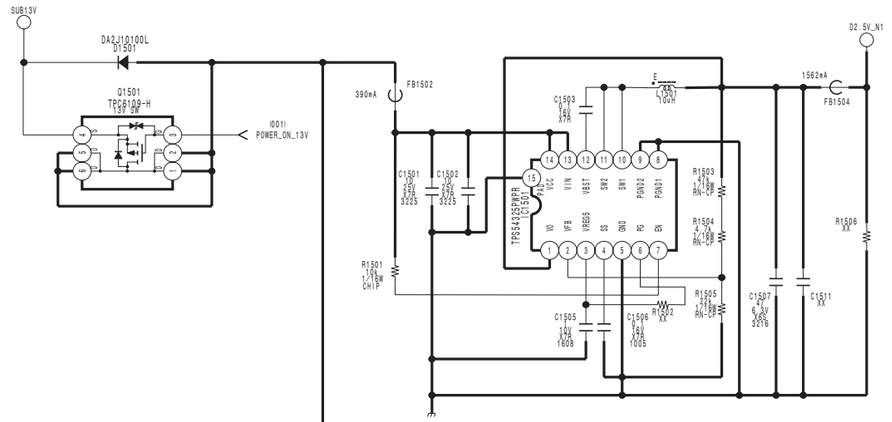
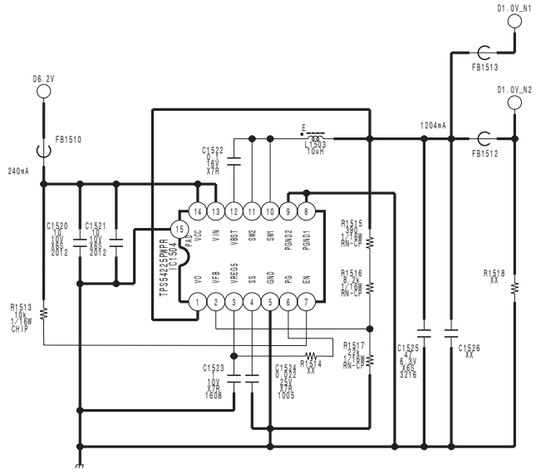
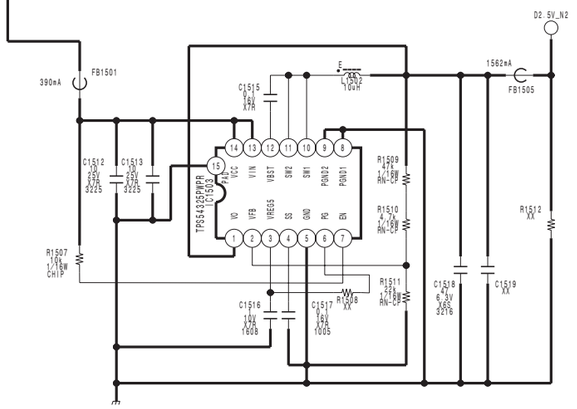
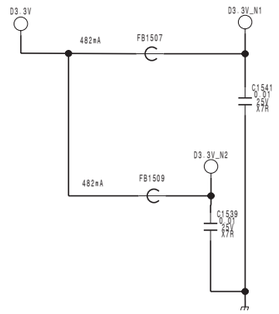


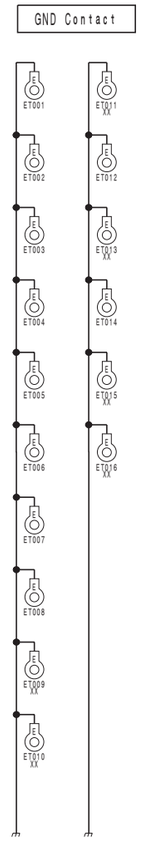




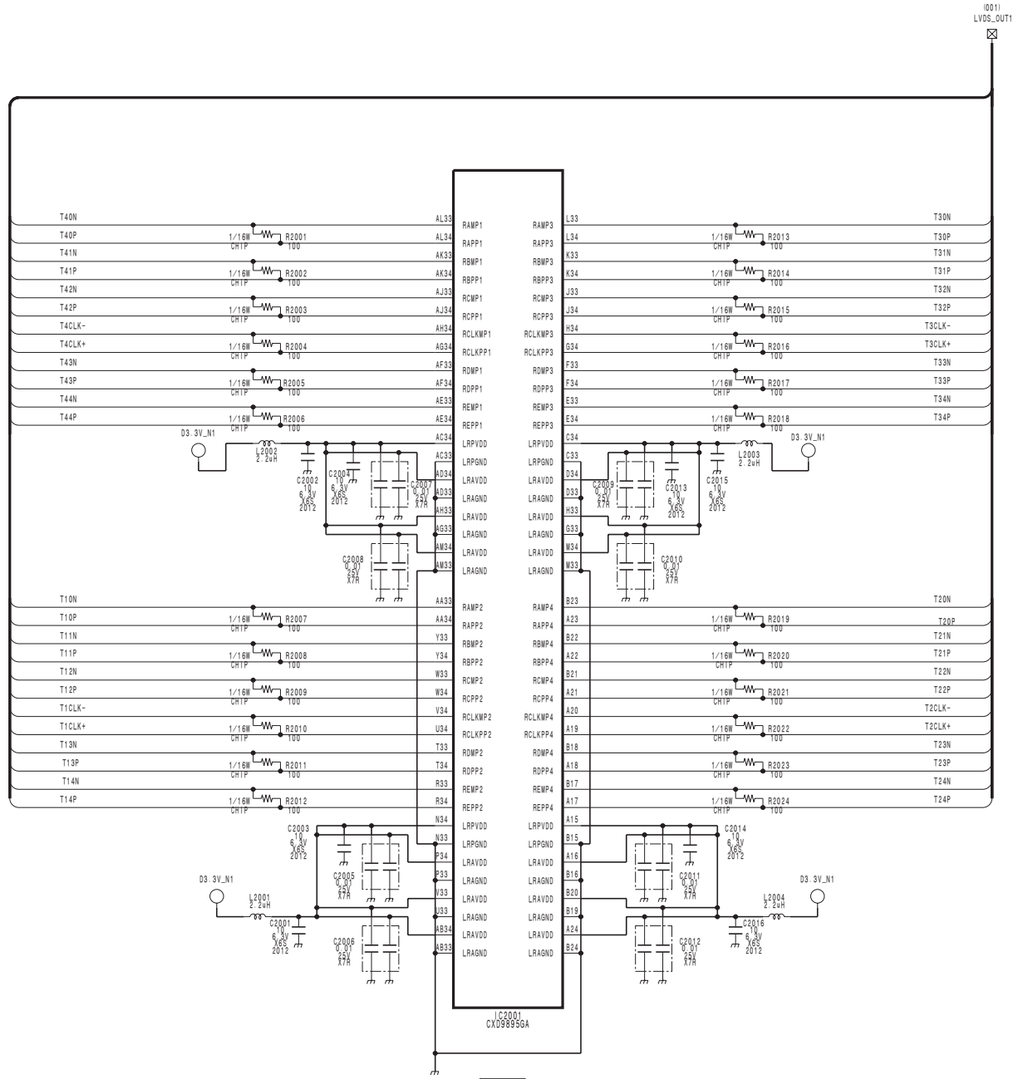


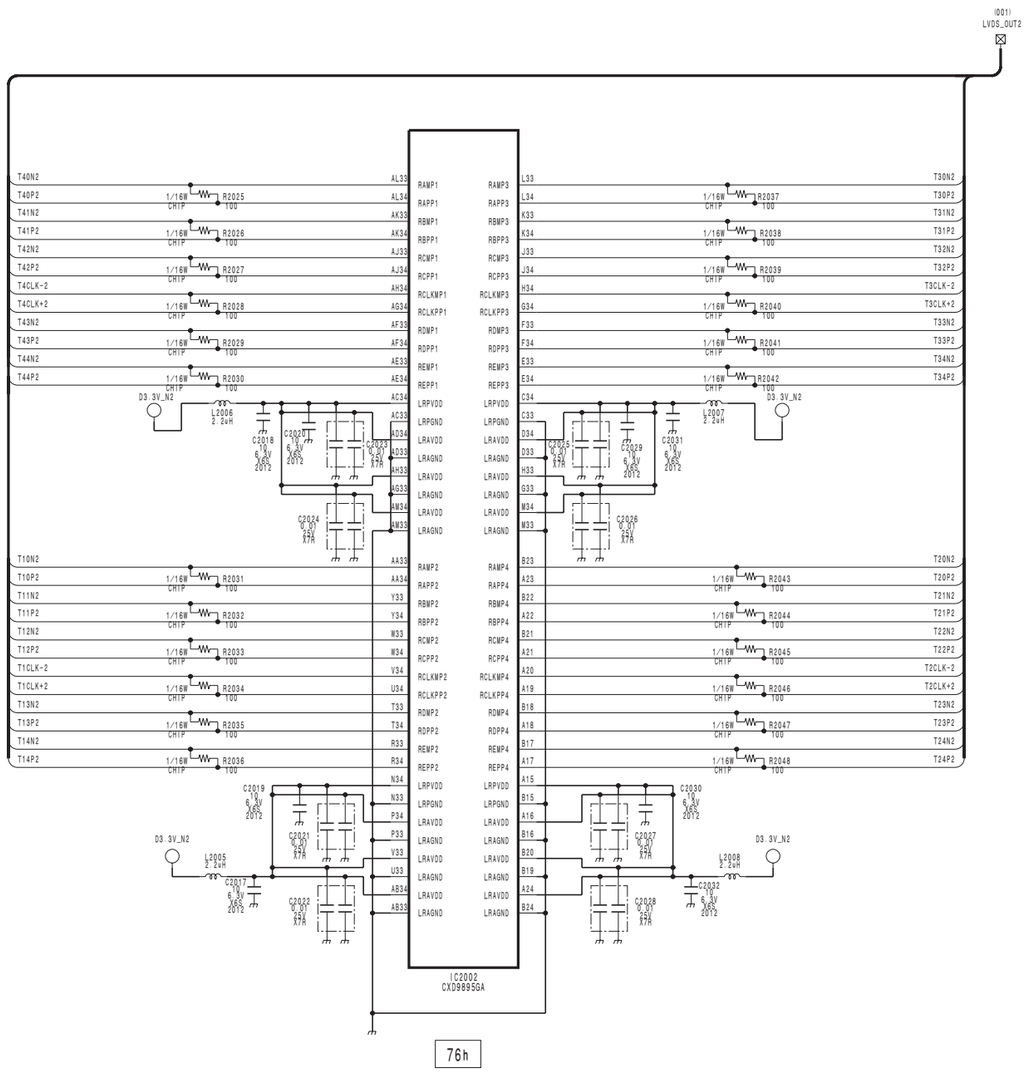






CA (2/15)
BOARD NO. 1-882-614-11





CA (3/15)
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VPL-VW90ES

CA (4/15)
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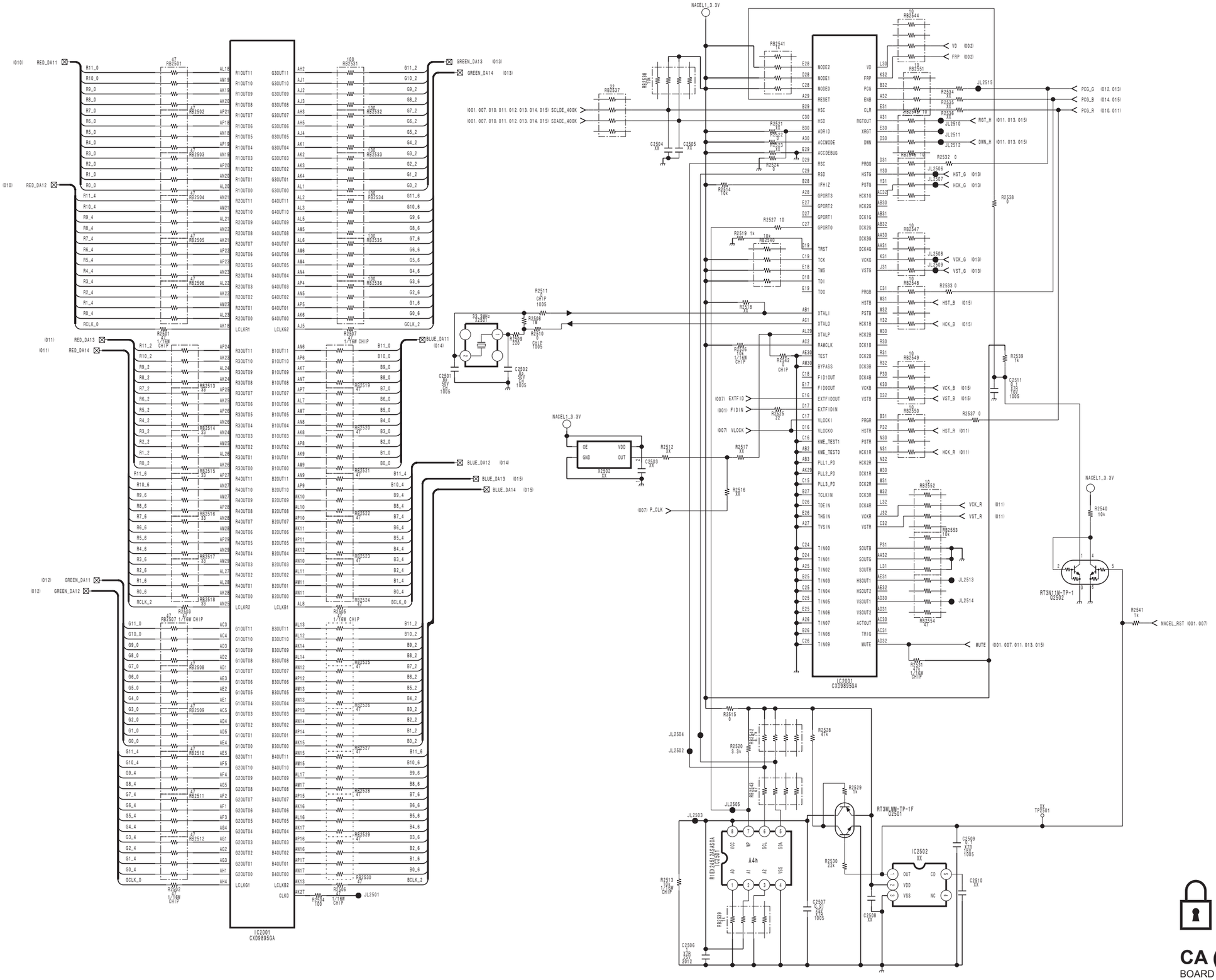

CA (4/15)
BOARD NO. 1-882-614-11

CA (5/15)
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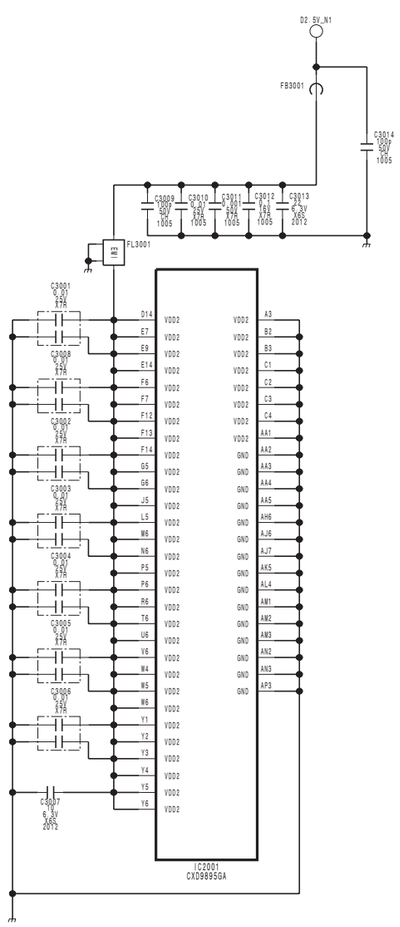
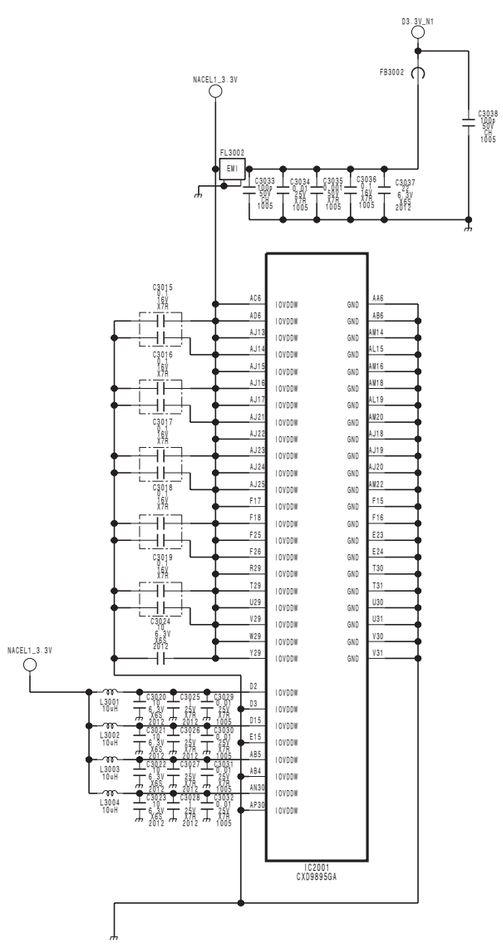
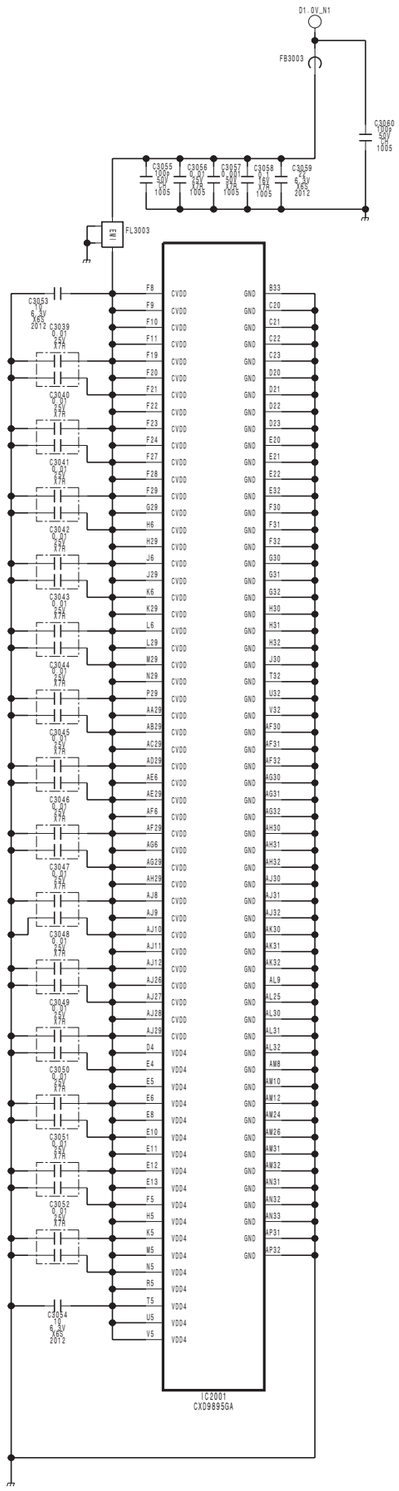
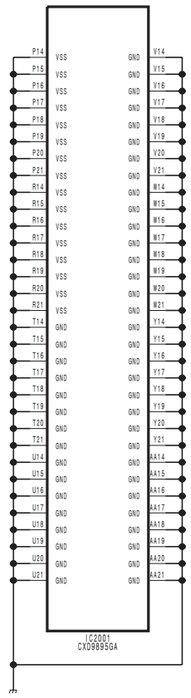




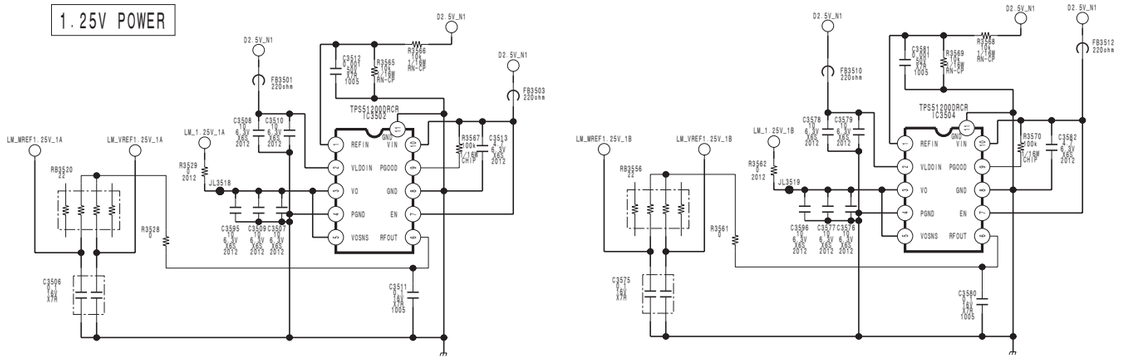


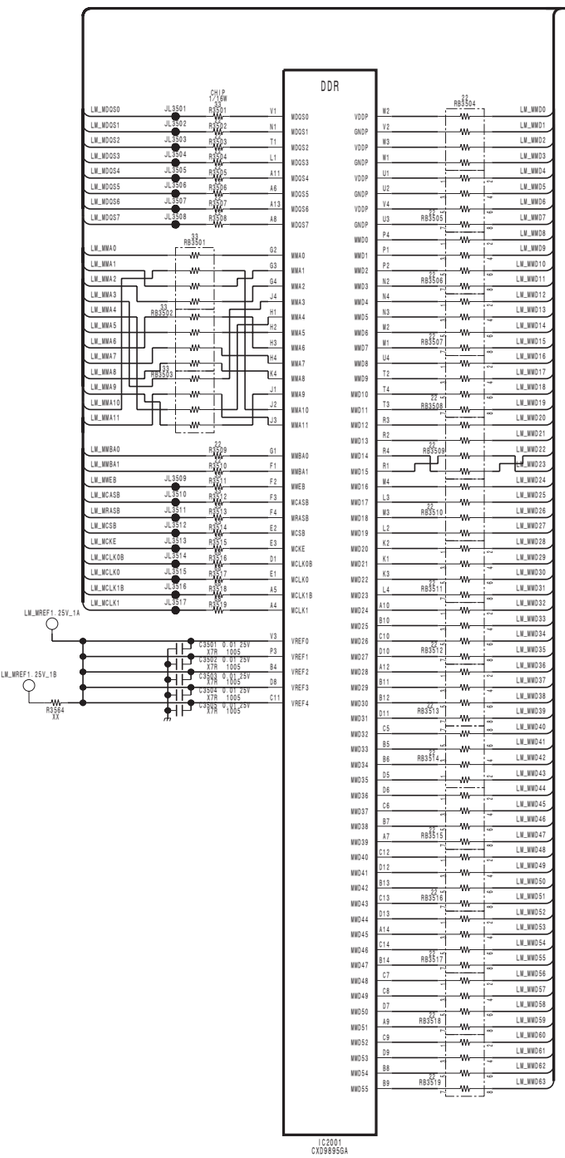


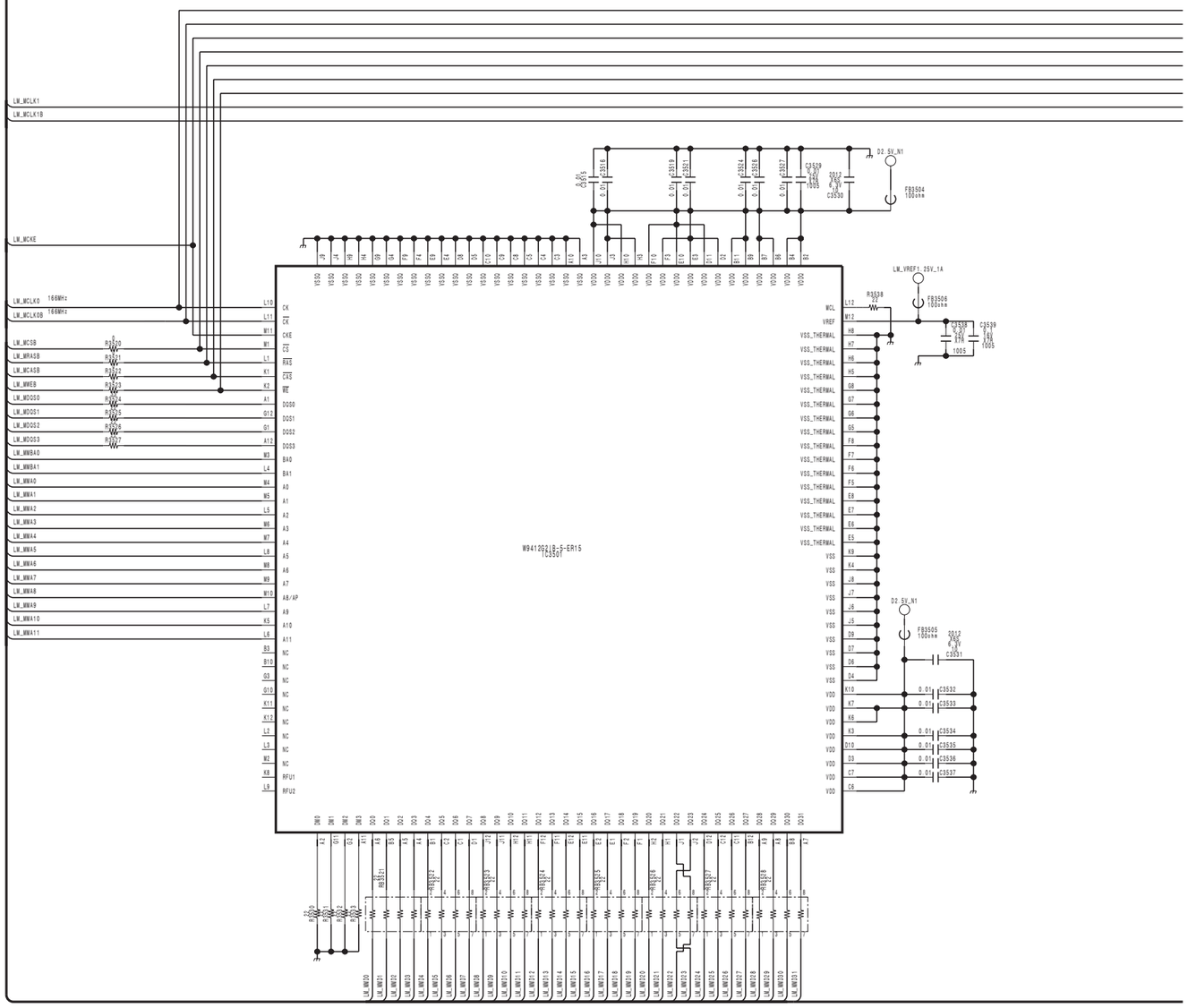
CA (5/15)
BOARD NO. 1-882-614-11

CA (6/15)
SUFFIX: -11

1.25V POWER







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CA (6/15)
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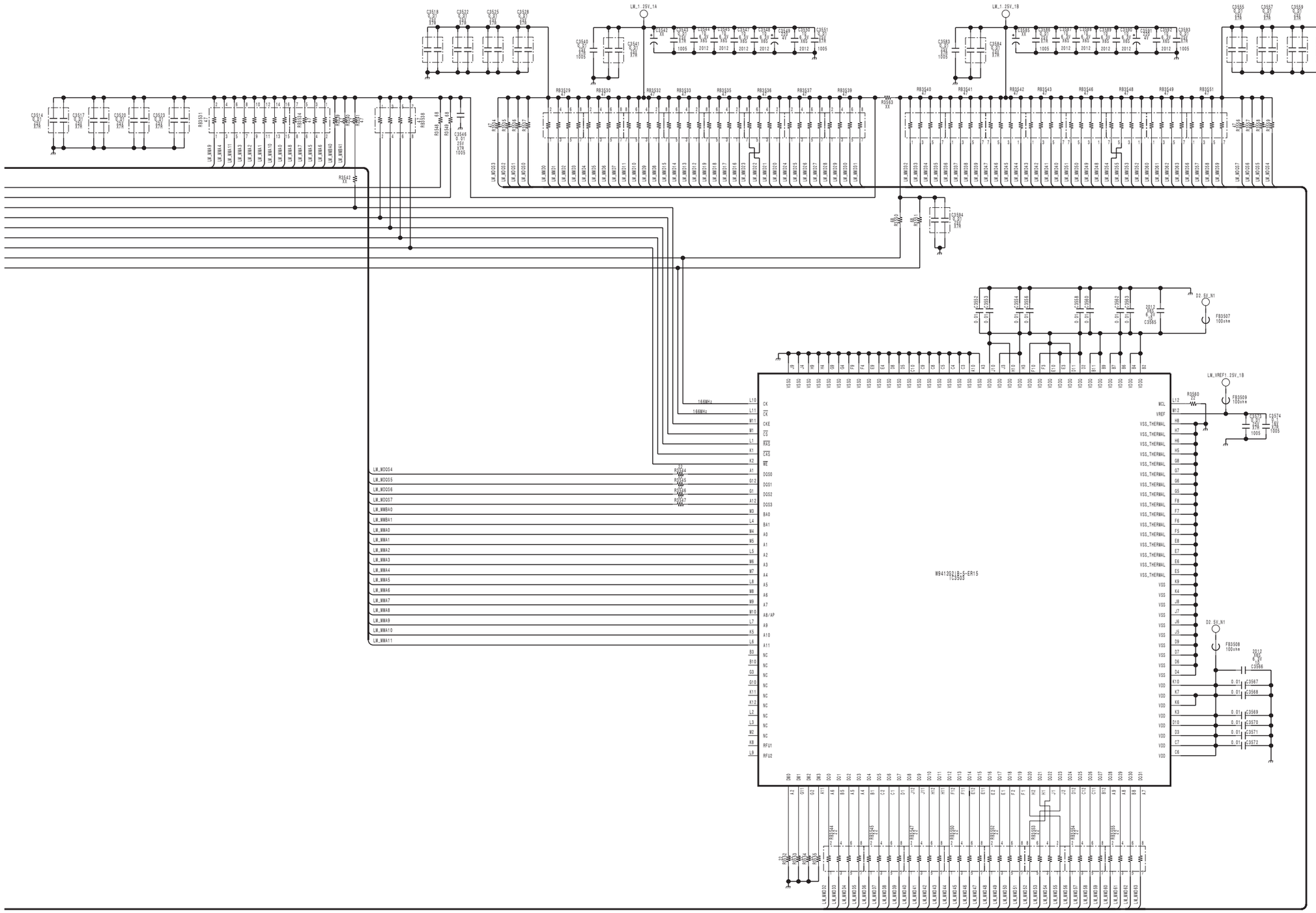
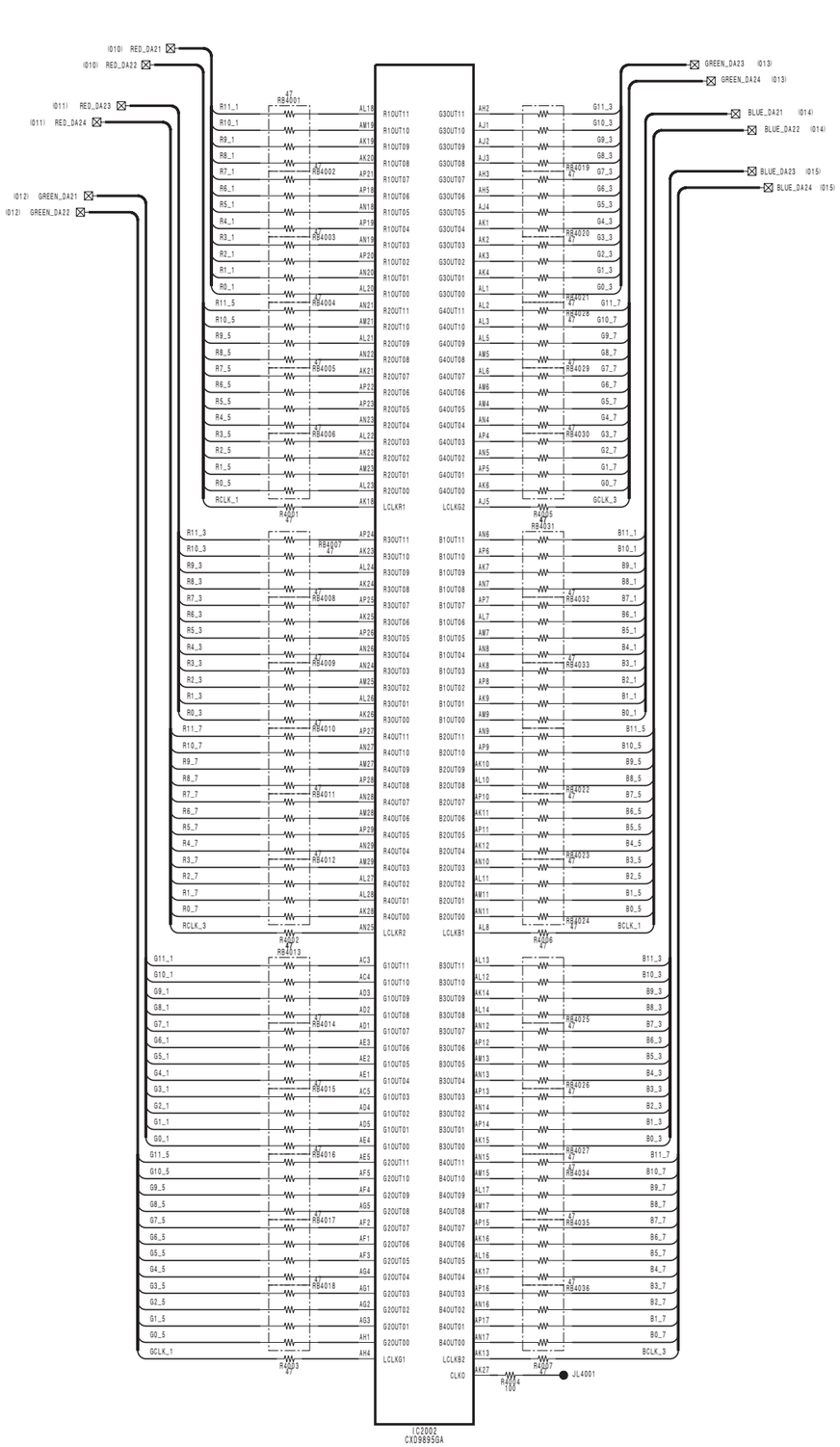
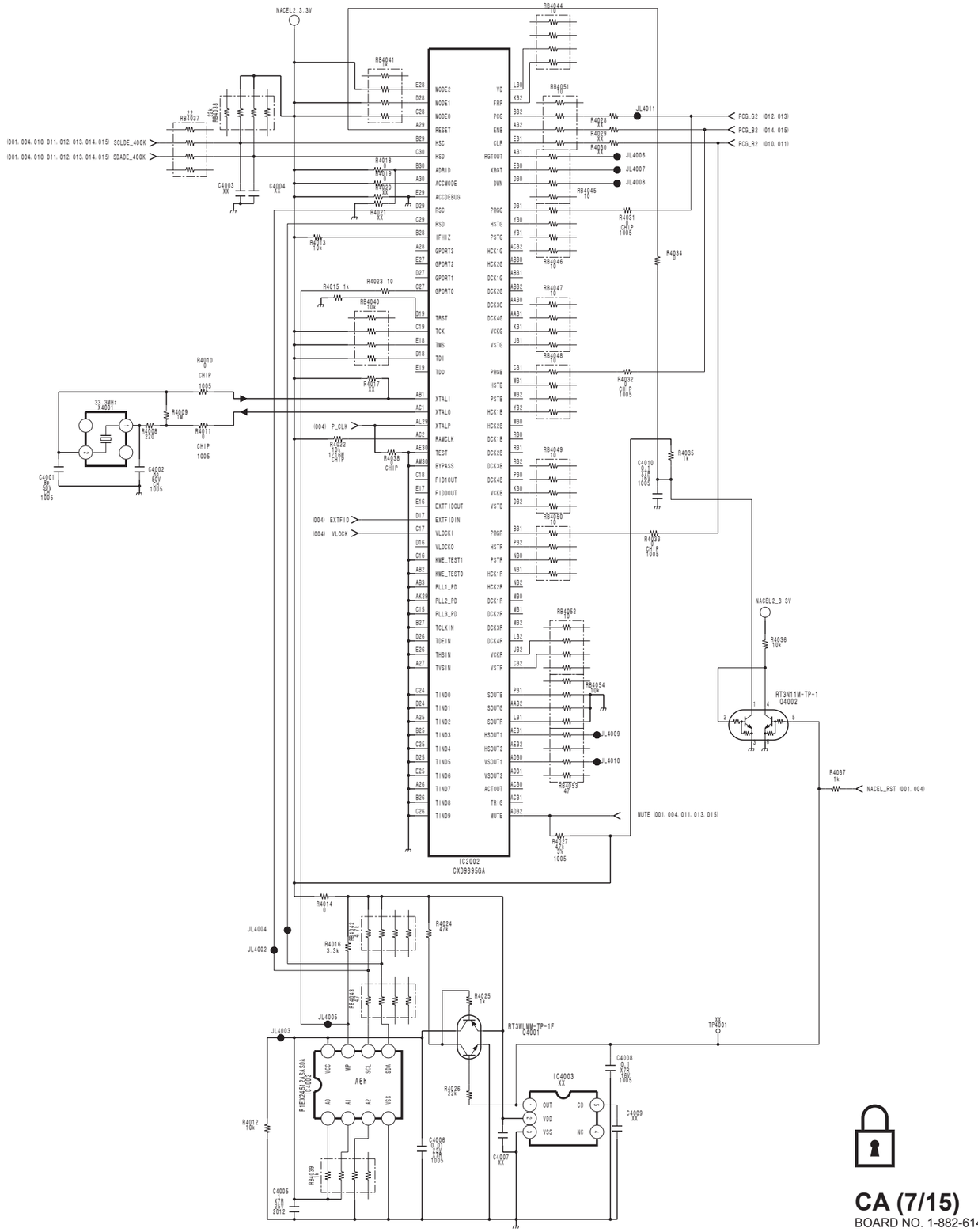


CA (6/15)
BOARD NO. 1-882-614-11

CA (7/15) **SUFFIX: -11**





CA (7/15)
BOARD NO. 1-882-614-11

CA (8/15)
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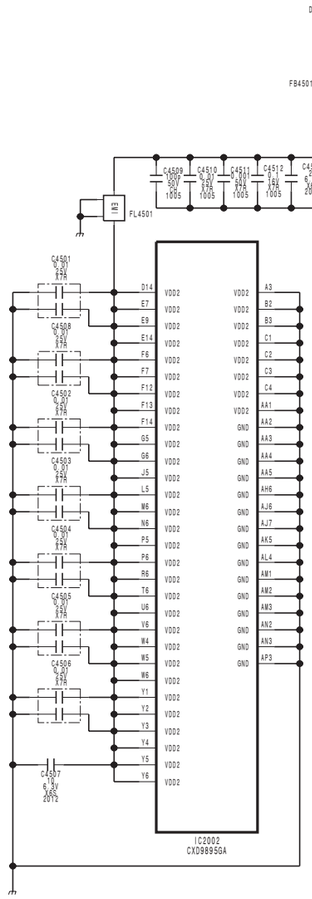
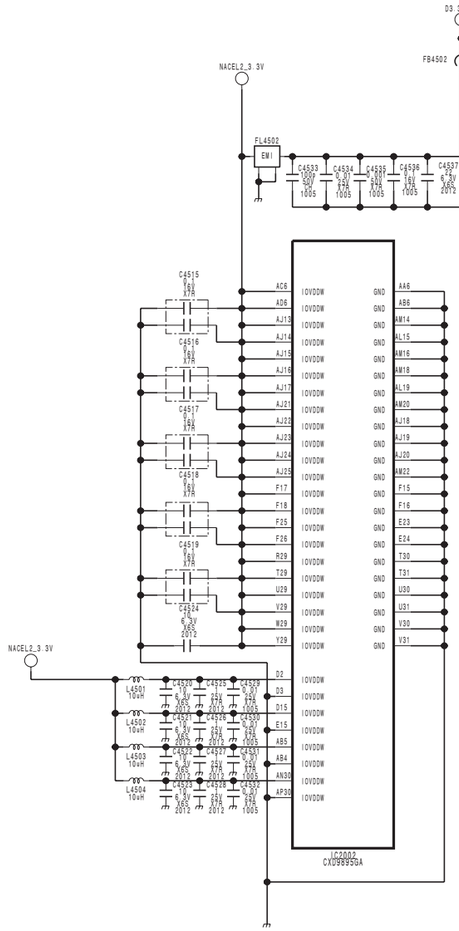
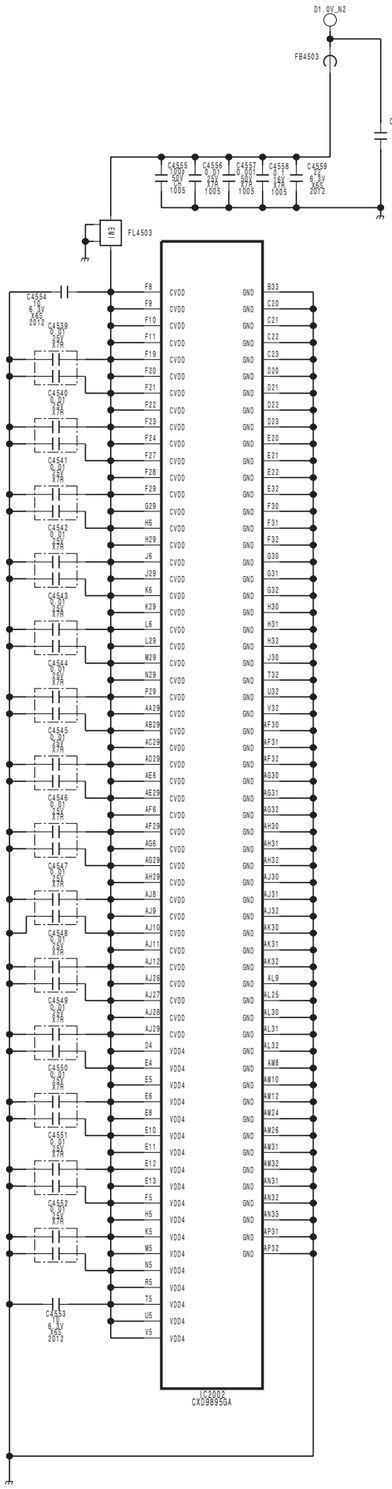
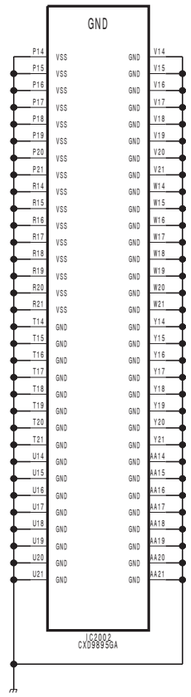


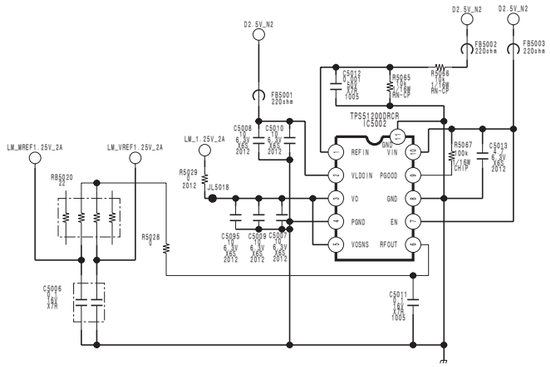


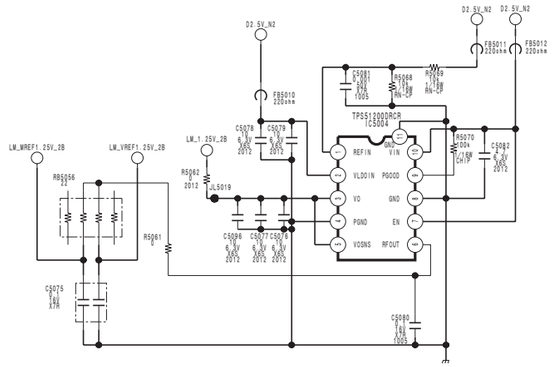


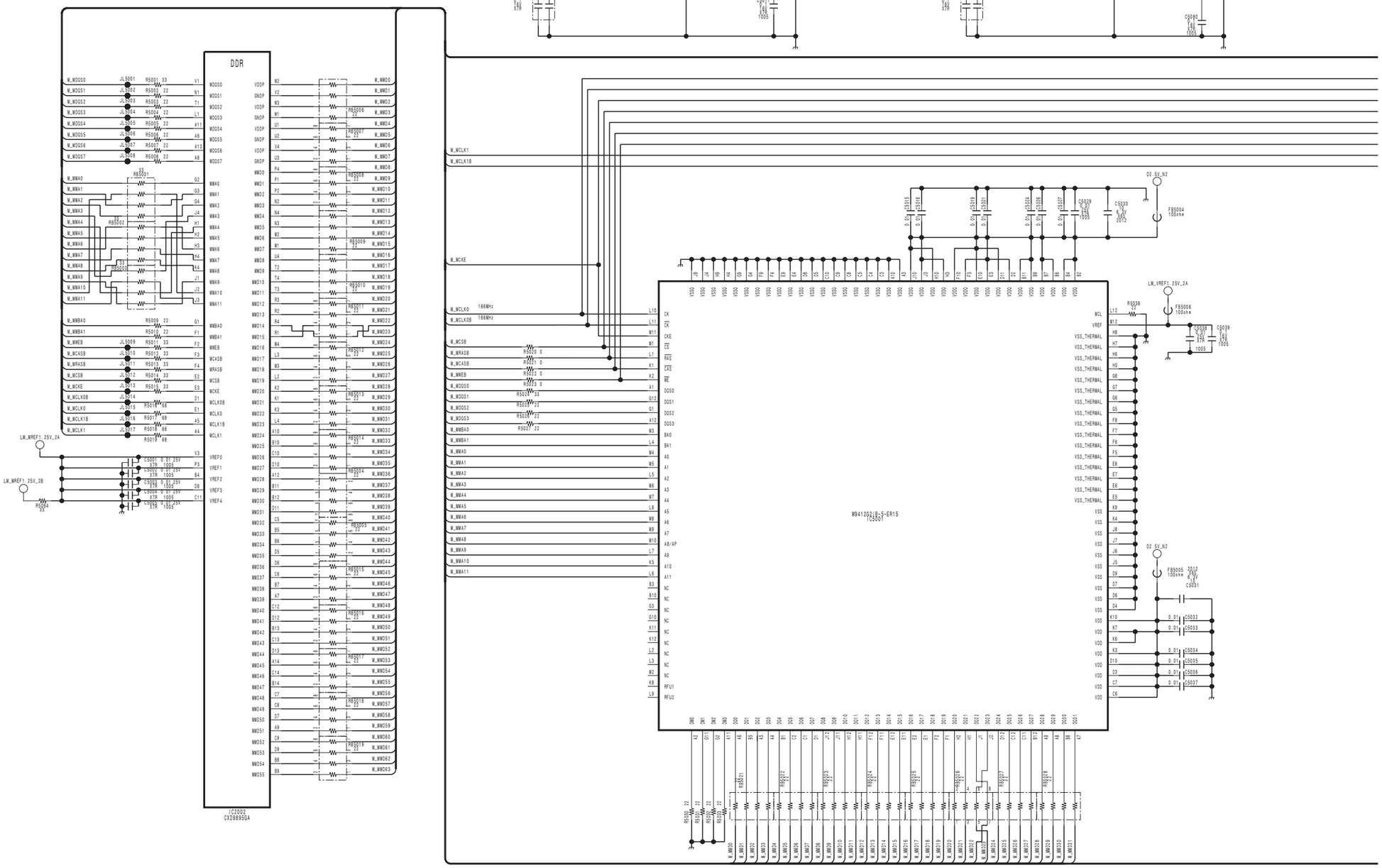


CA (8/15)
BOARD NO. 1-882-614-11

CA (9/15)
SUFFIX: -11







CA (9/15)
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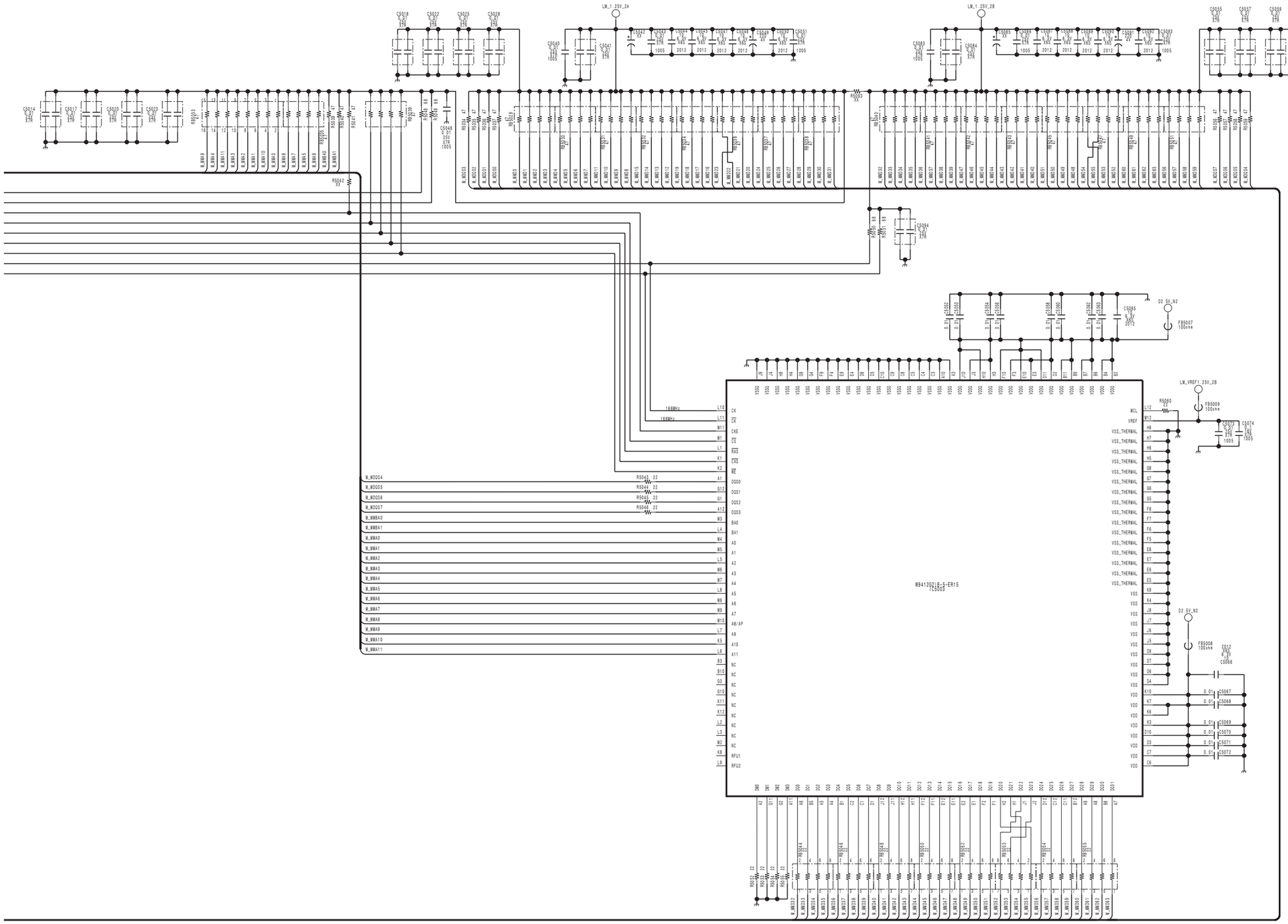

CA (9/15)
BOARD NO. 1-882-614-11

CA (10/15)
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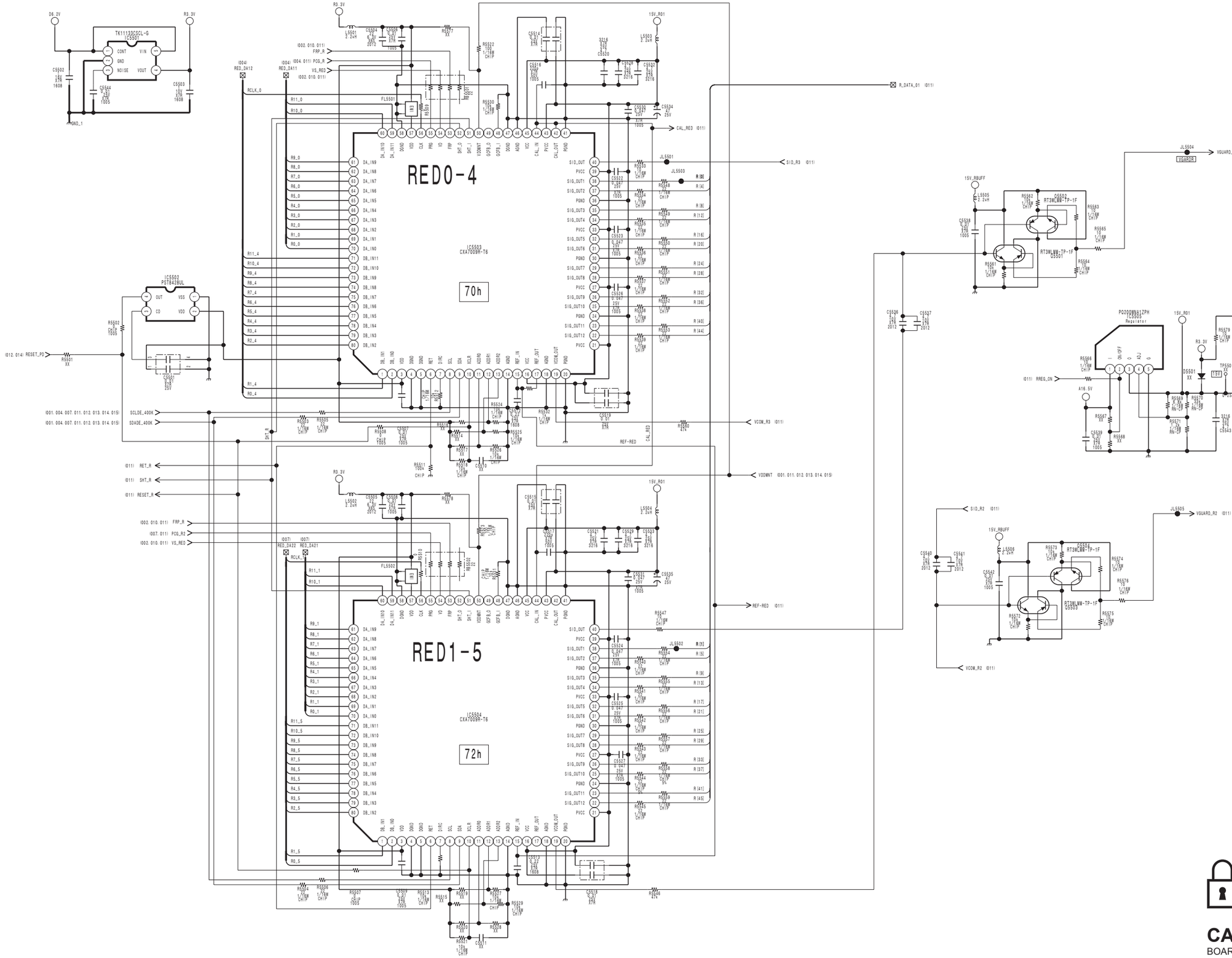

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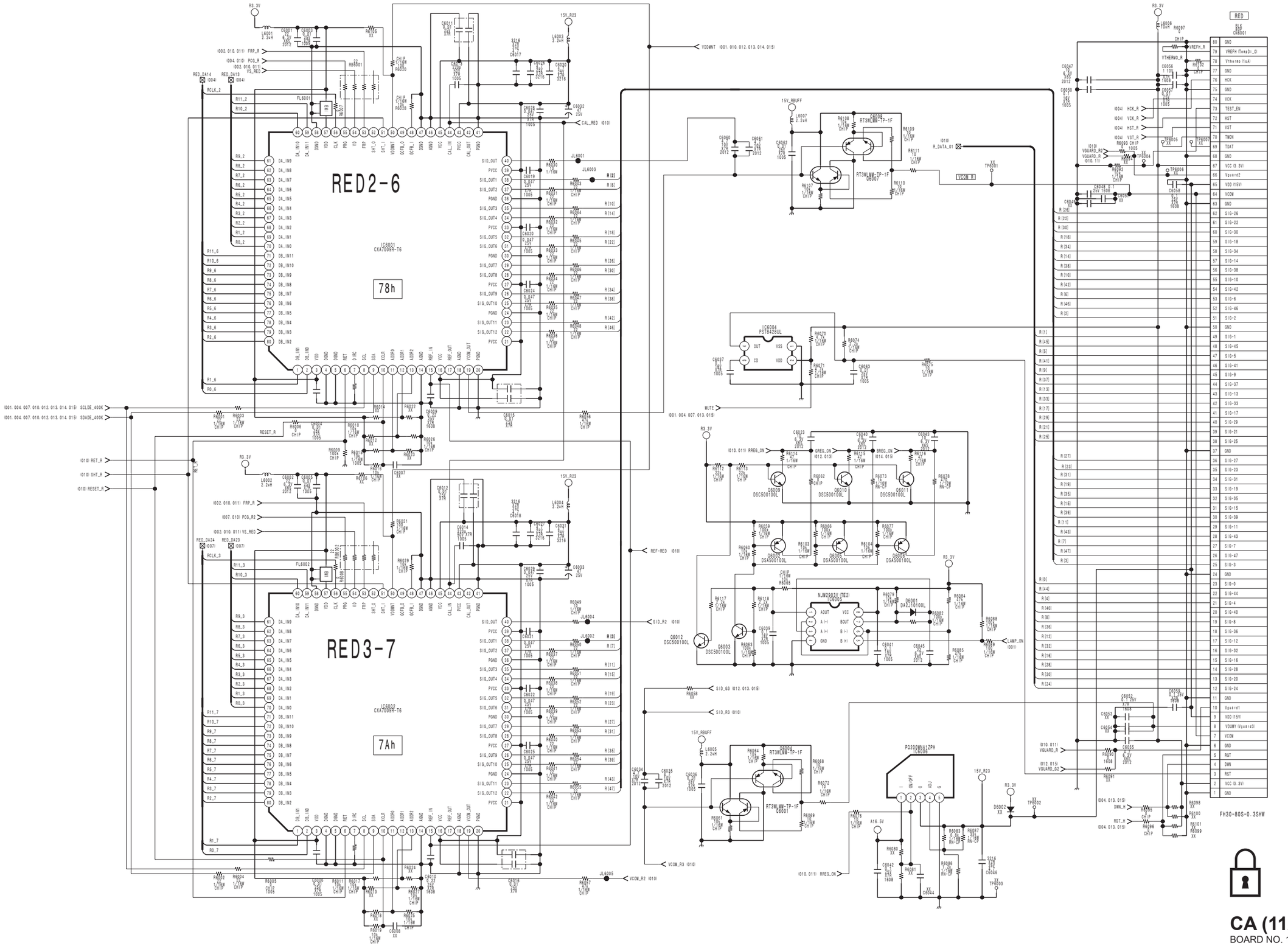
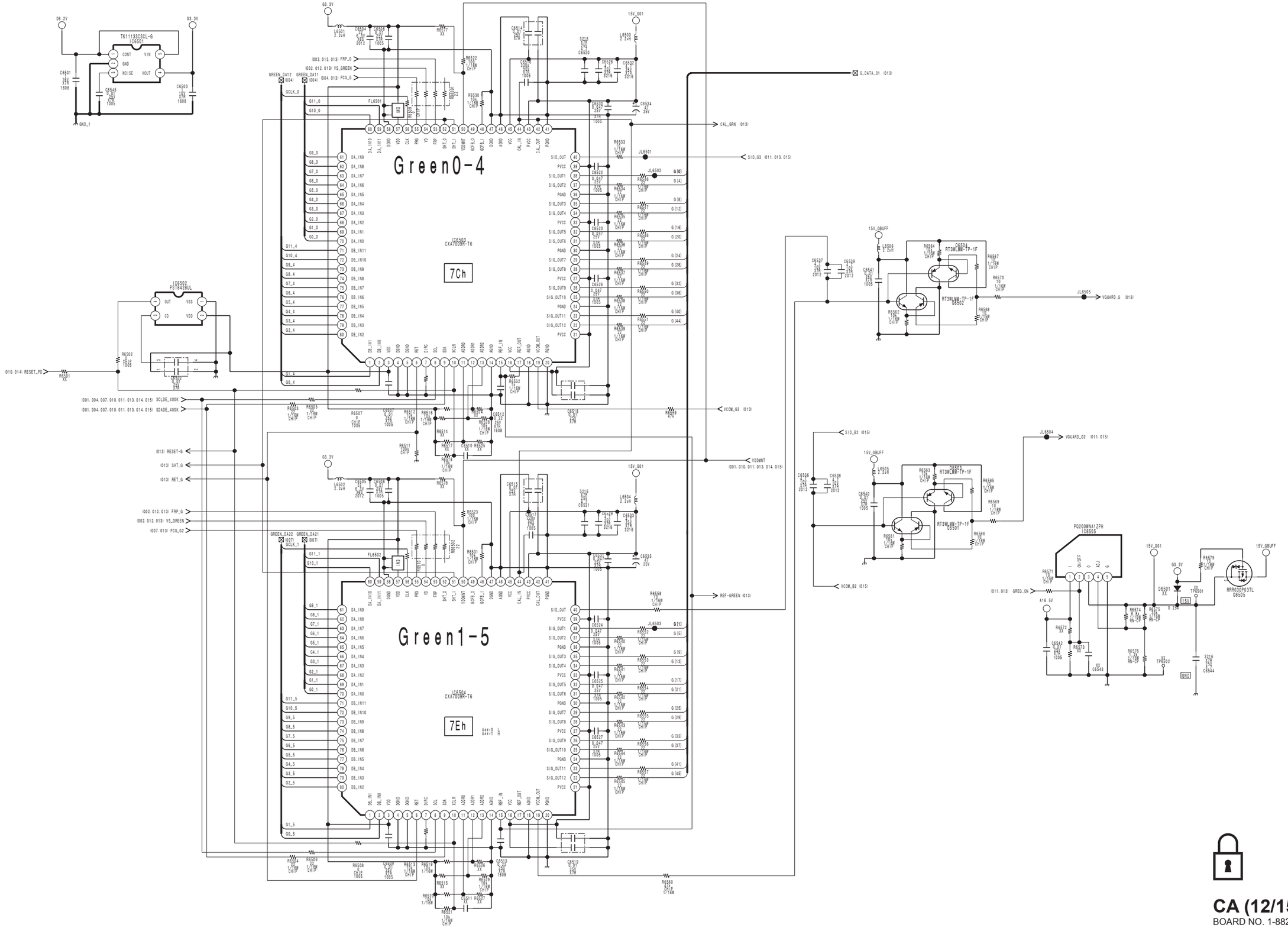
CA (10/15)
BOARD NO. 1-882-614-11

VPL-VW90ES



CA (11/15)
BOARD NO. 1-882-614-11

CA (12/15)
SUFFIX: -11



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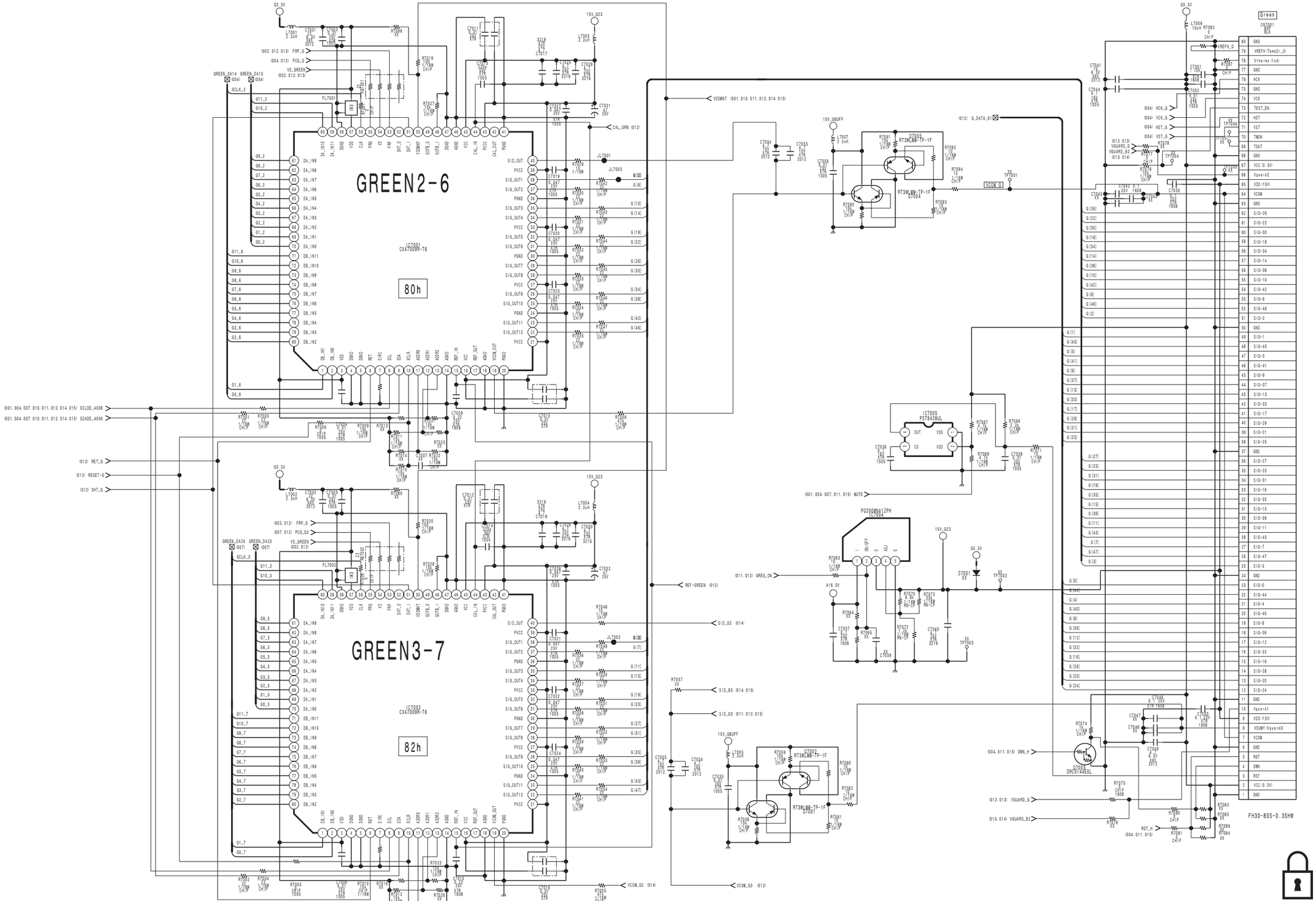
CA (12/15)
BOARD NO. 1-882-614-11

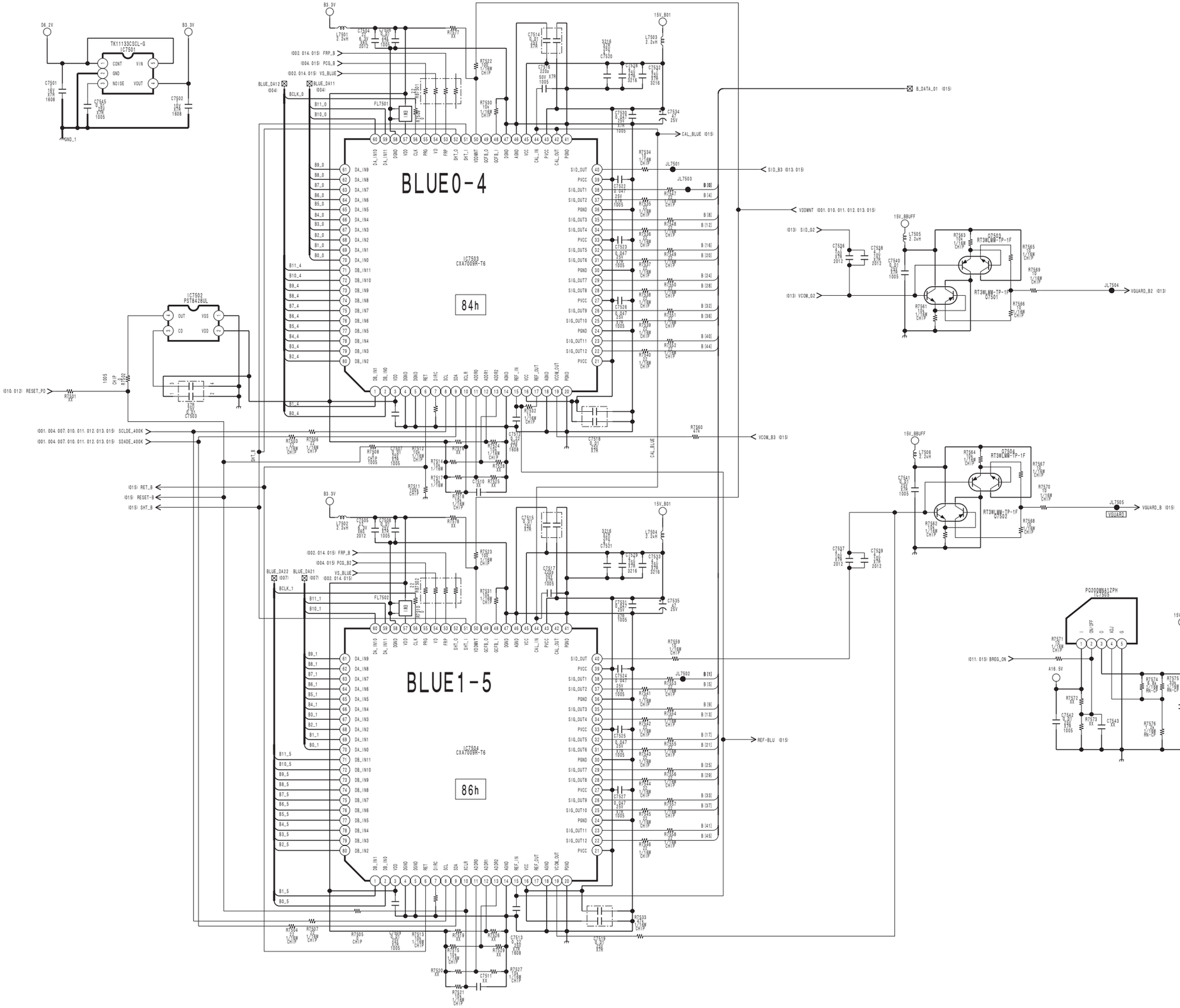
VPL-VW90ES

CA (13/15) SUFFIX: -11



CA (13/15)
BOARD NO. 1-882-614-11

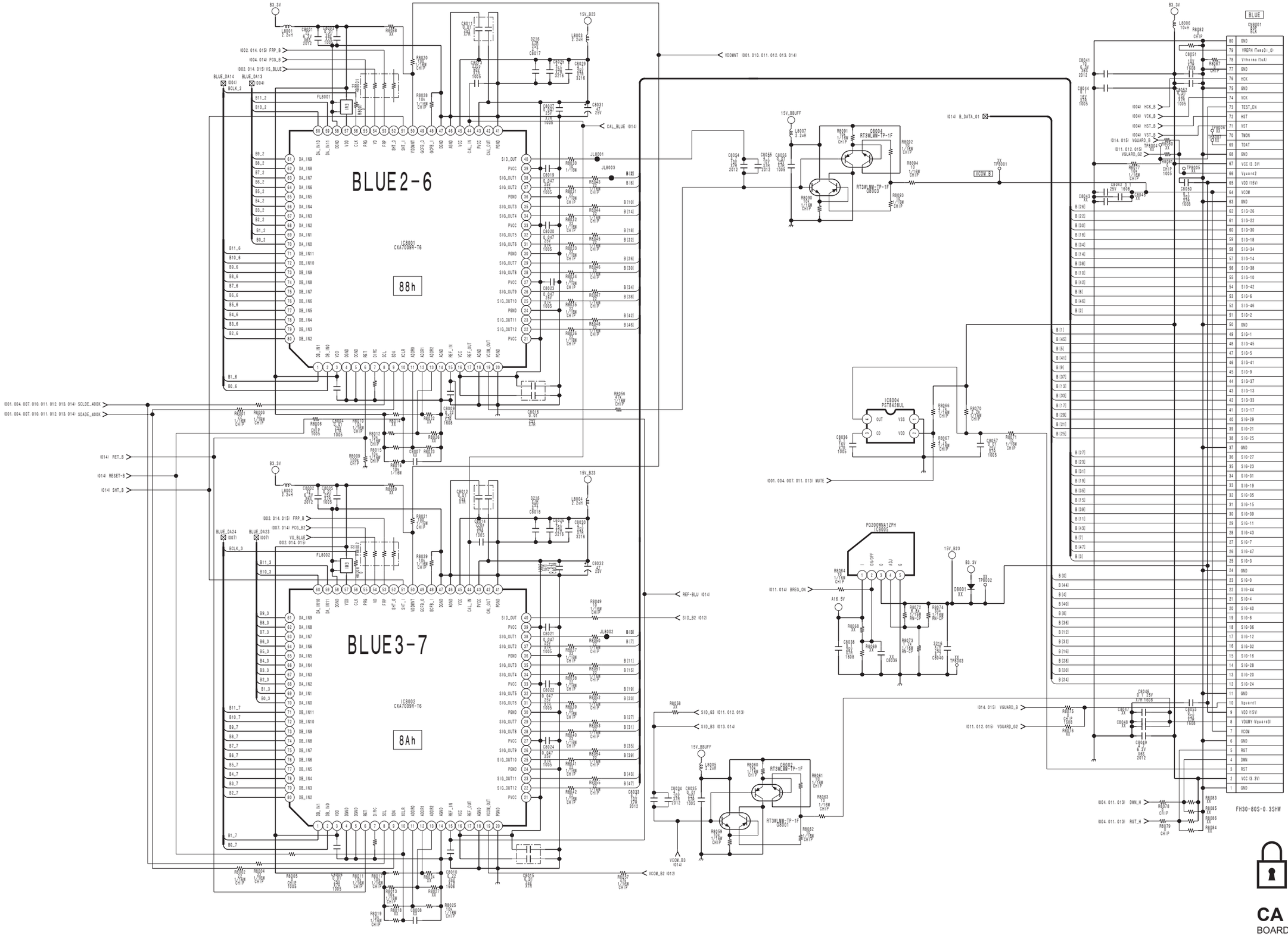
CA (14/15) SUFFIX: -11



CA (14/15)
BOARD NO. 1-882-614-11

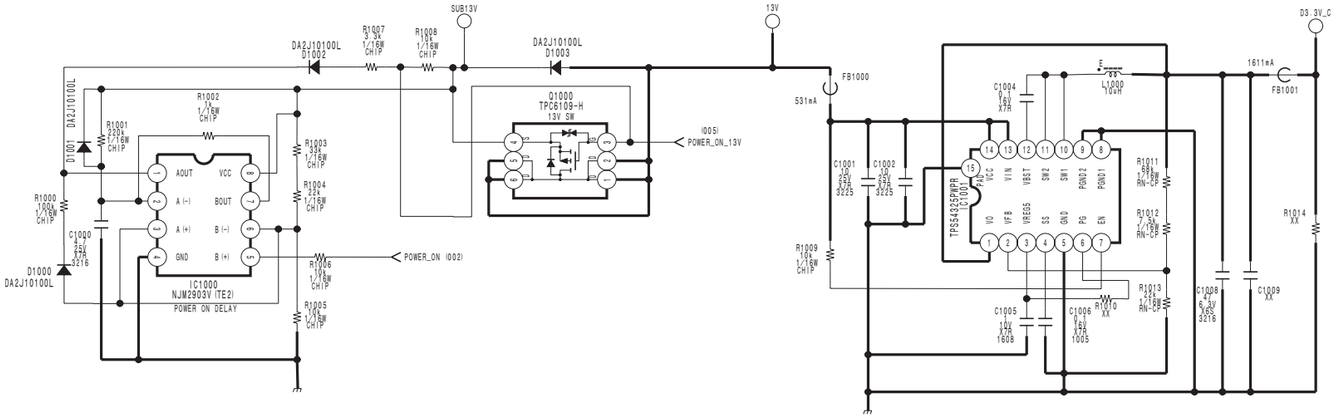
VPL-VW90ES

CA (15/15) SUFFIX: -11

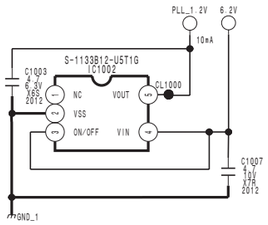


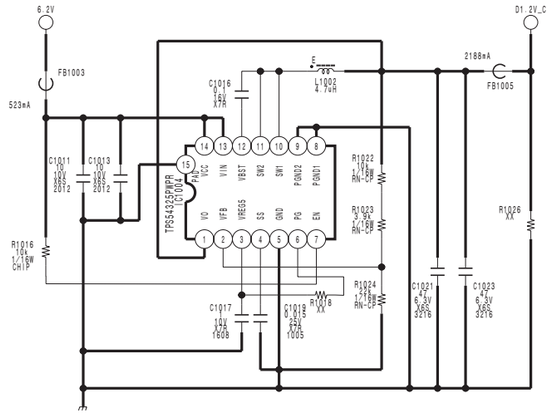
CA (15/15)
BOARD NO. 1-882-614-11

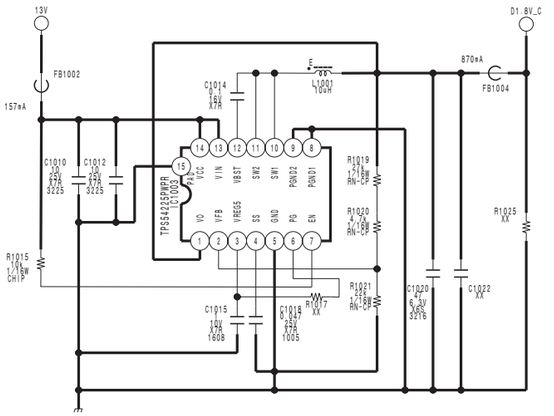
CB (1/5) **SUFFIX: -11**

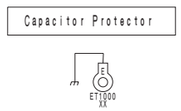


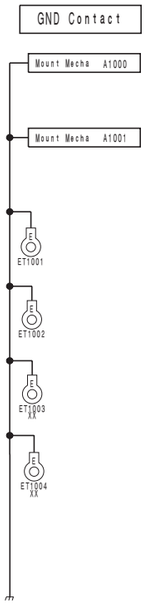
PLL_1.2V



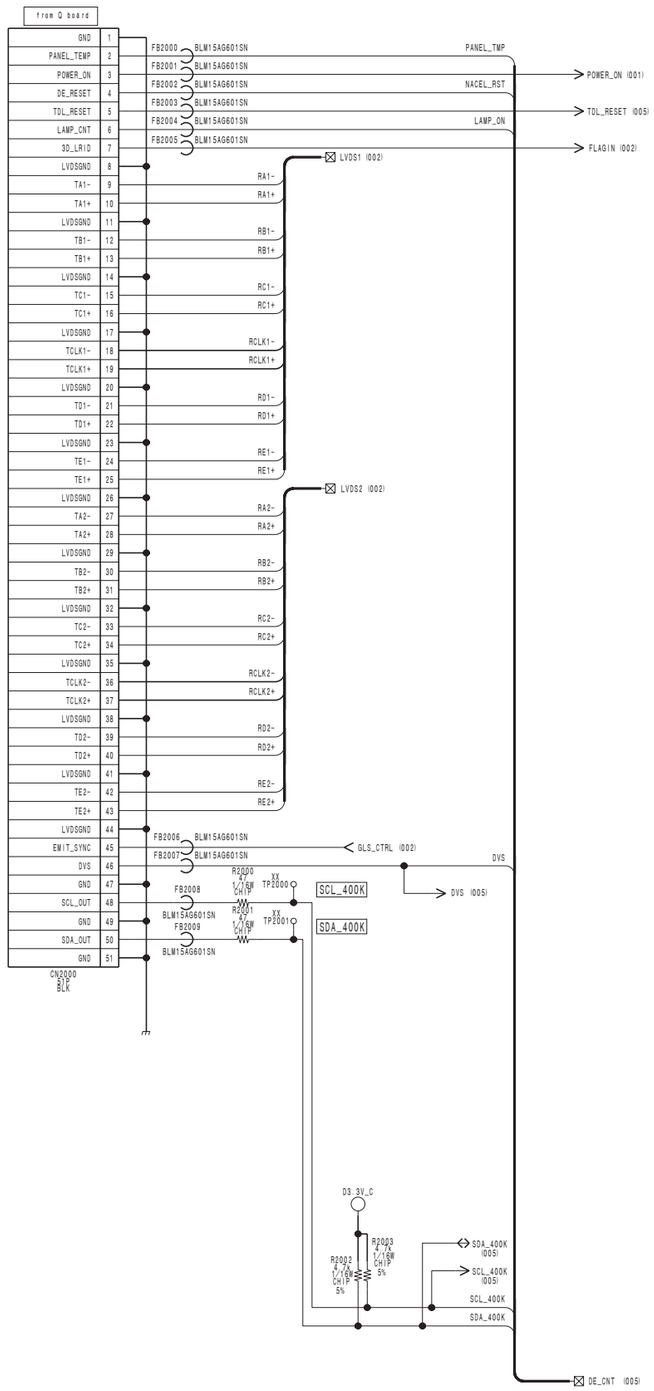


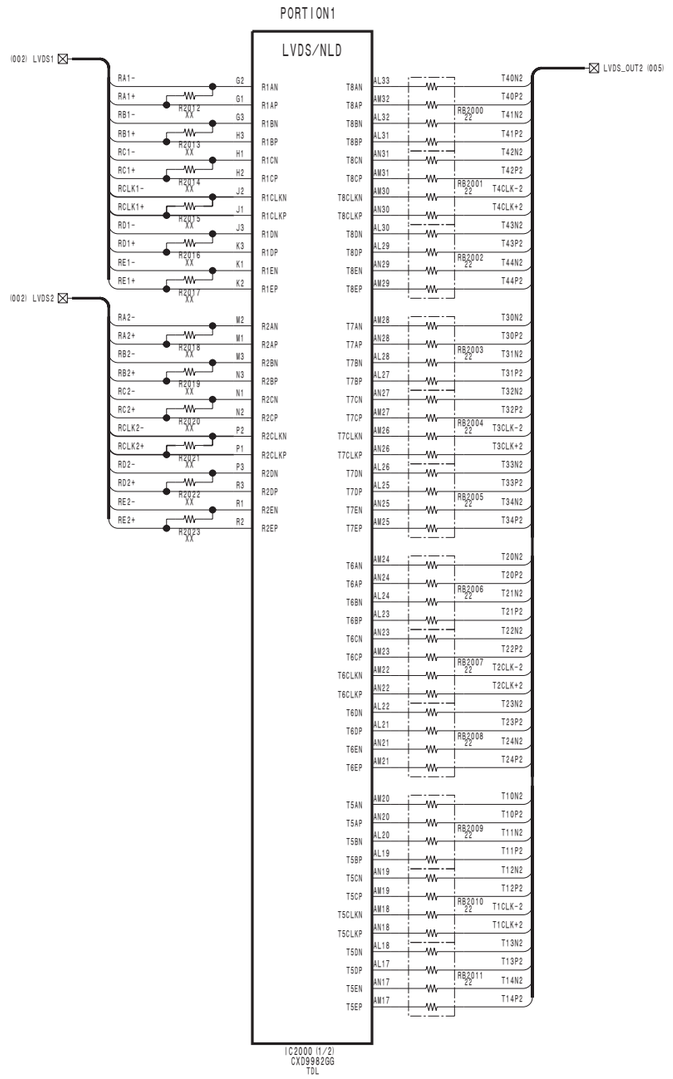


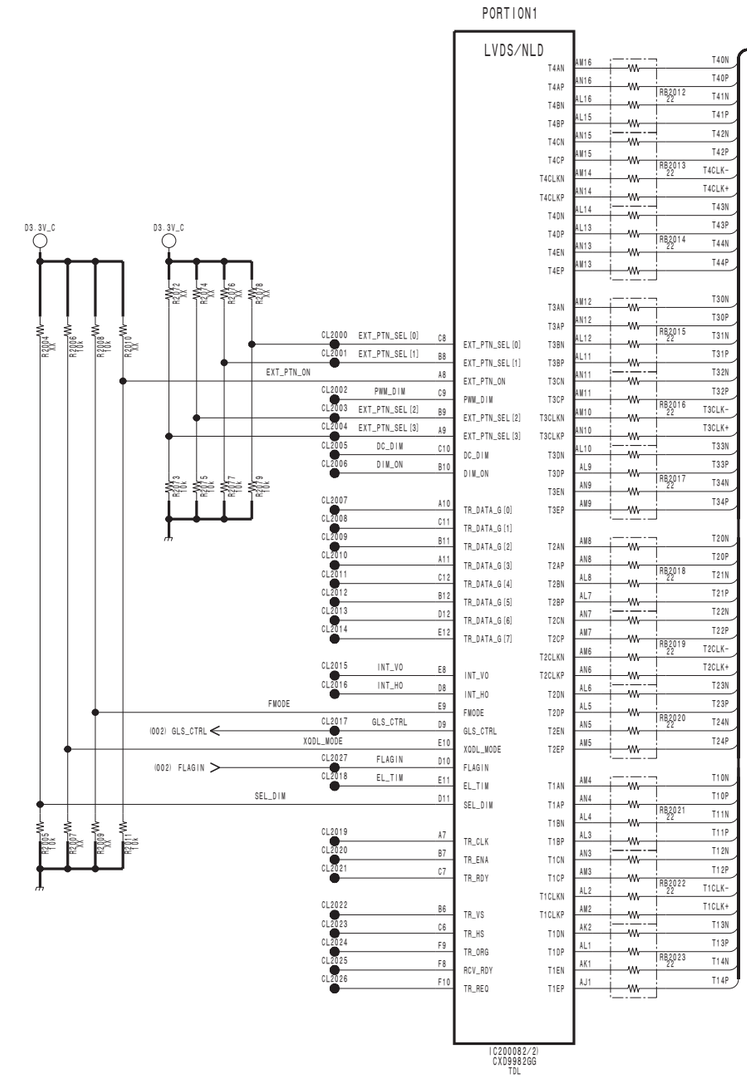




CB (1/5)
BOARD NO. 1-882-613-11







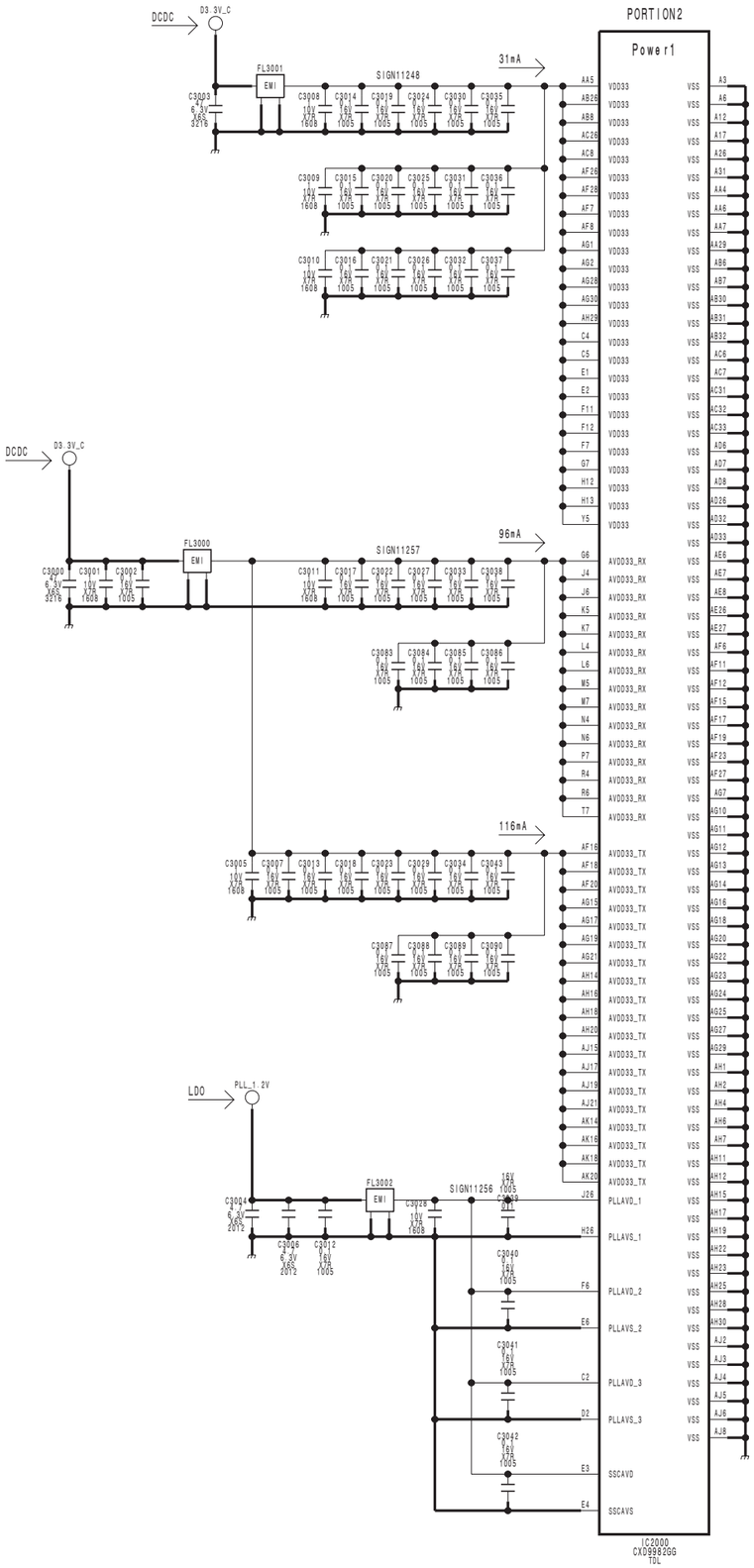
CB (2/5)
BOARD NO. 1-882-613-11

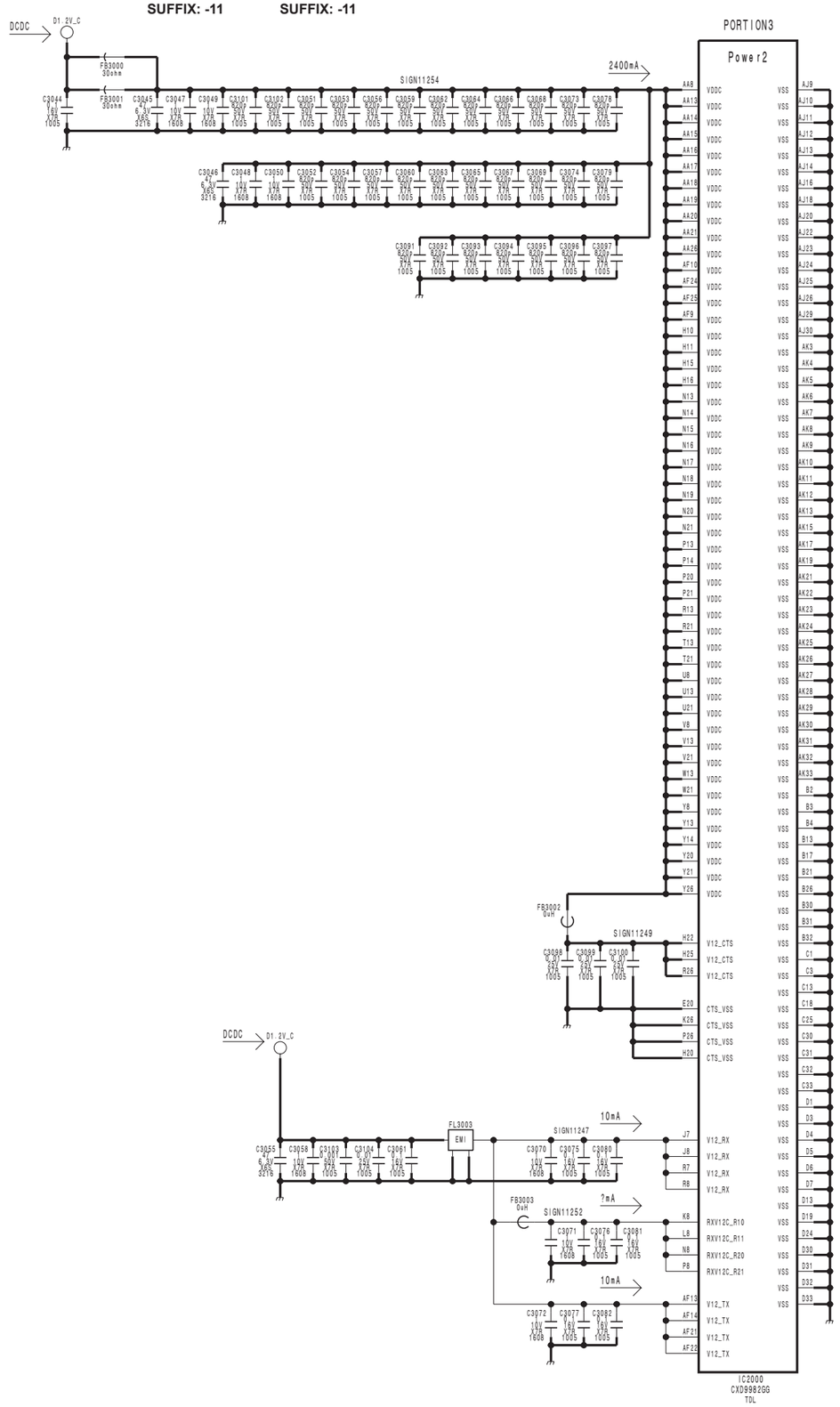
CB (3/5)

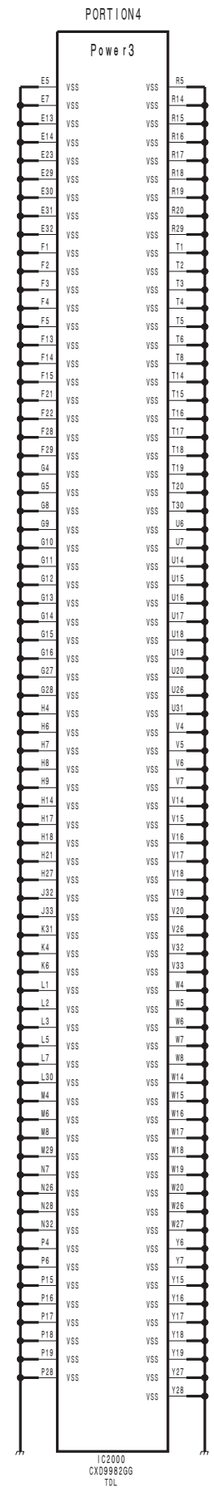
SUFFIX: -11

CB (3/5)

SUFFIX: -11







CB (3/5)

BOARD NO. 1-882-613-11

VPL-VW90ES

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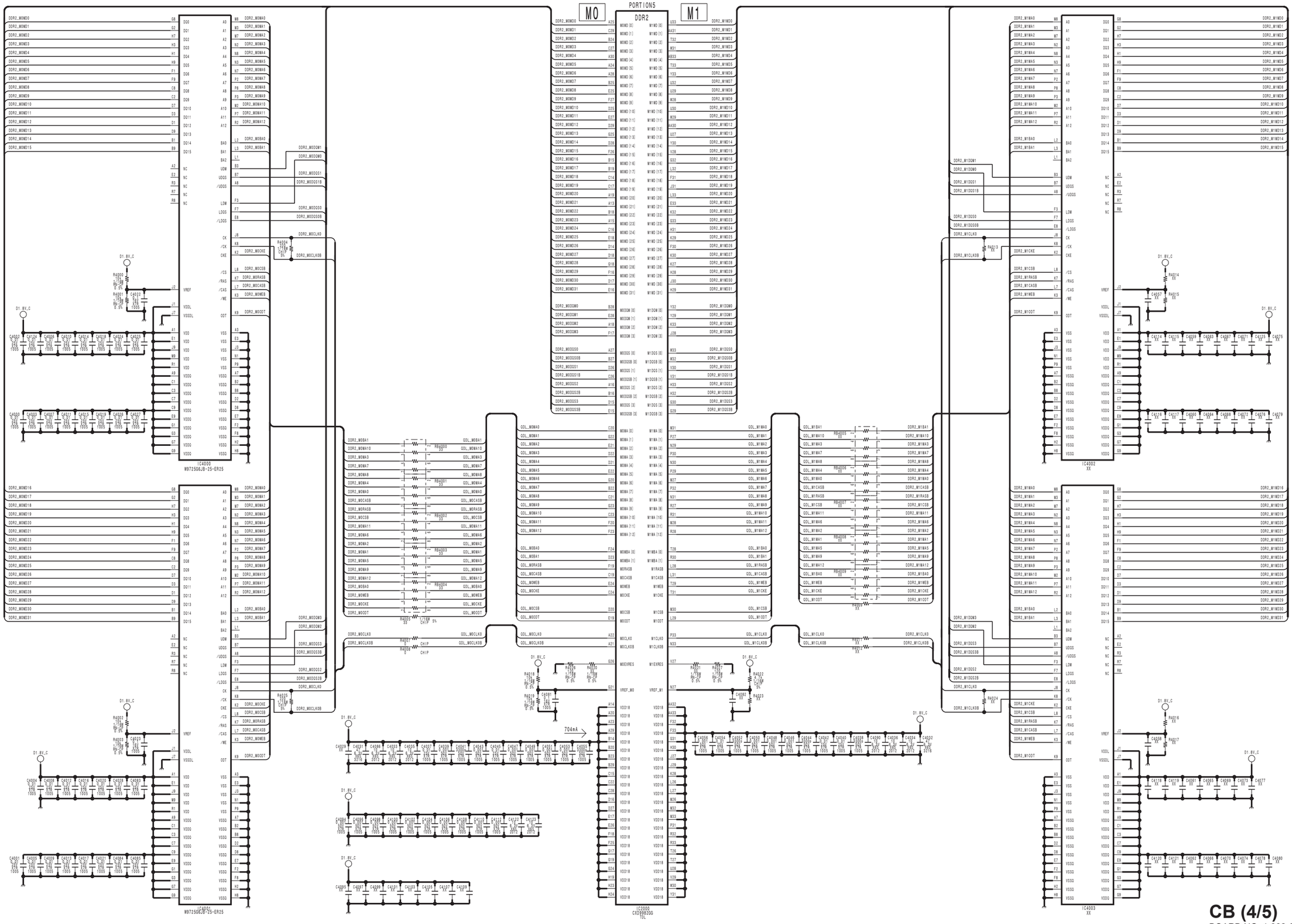
CB (4/5)

SUFFIX: -11

CB (4/5)

SUFFIX: -11

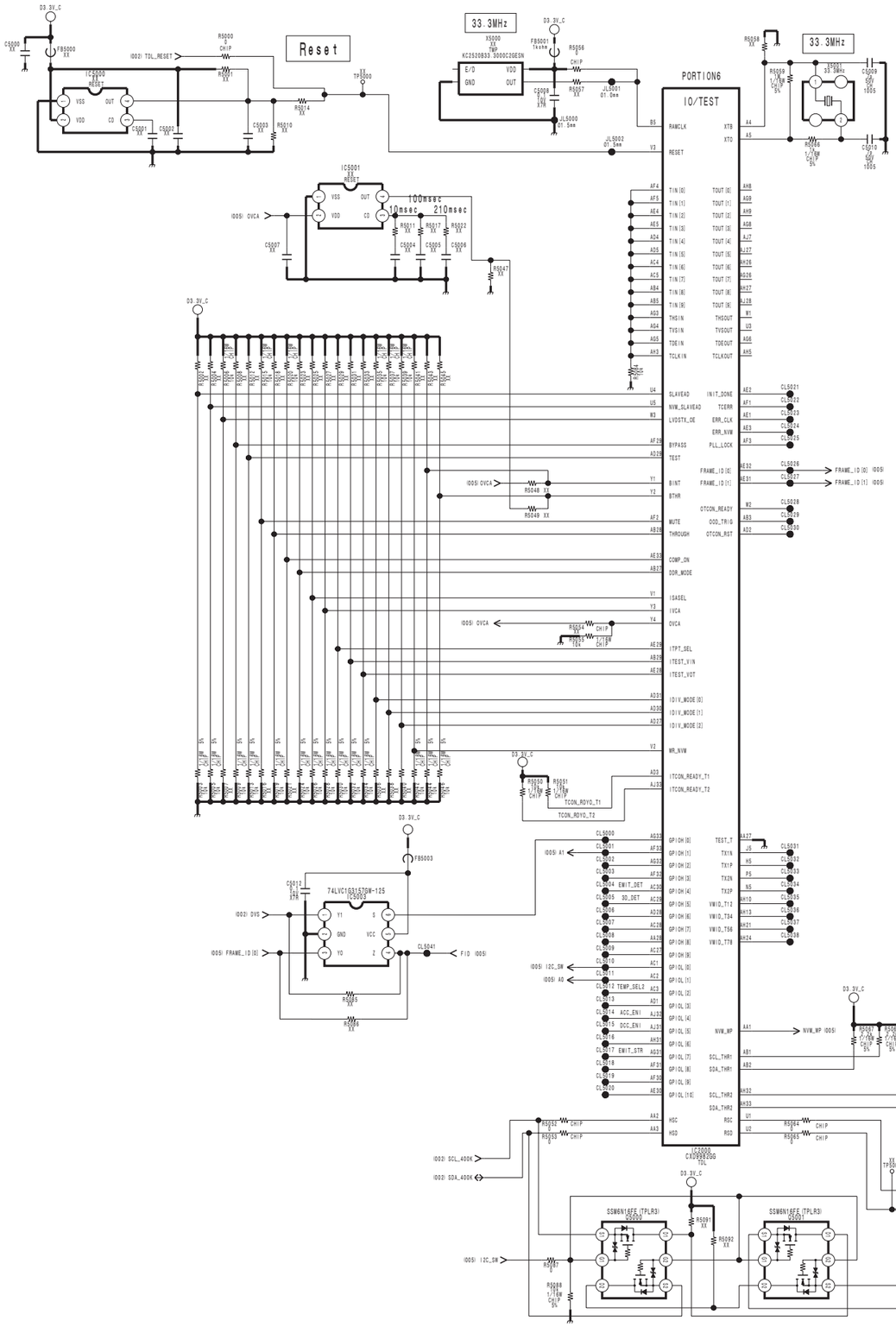


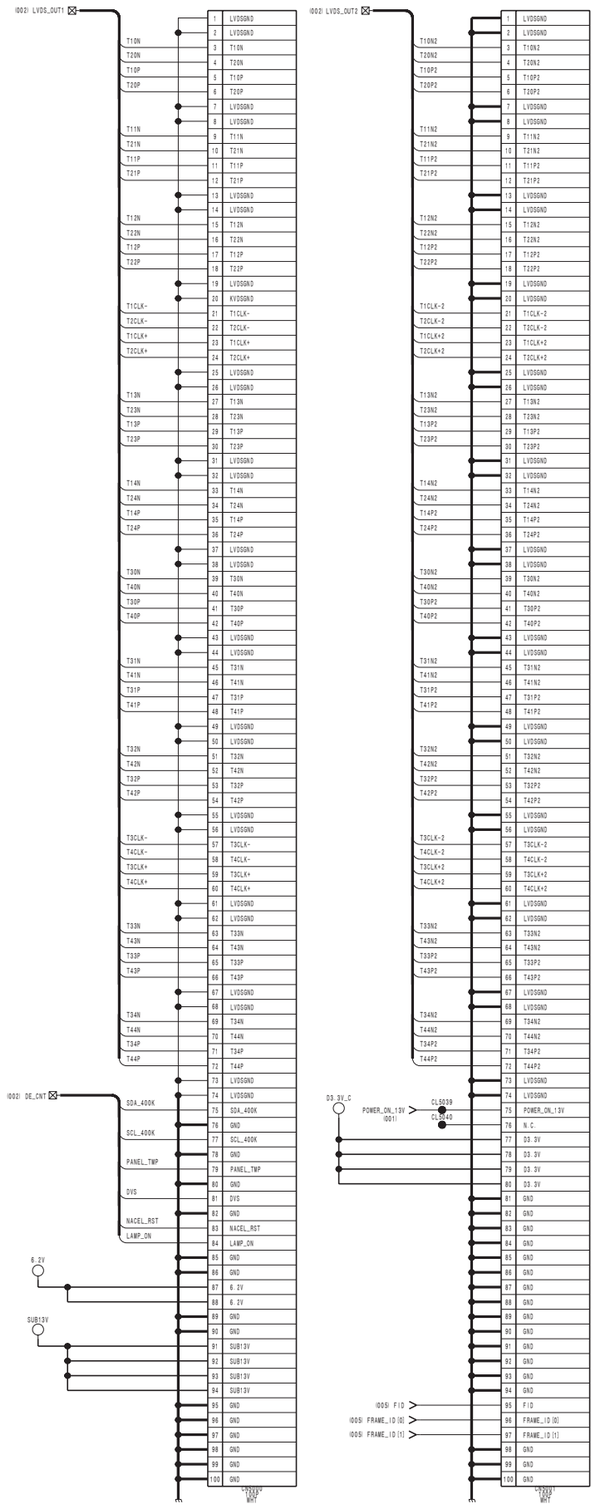
CB (4/5)

BOARD NO. 1-882-613-11

CB (5/5)
SUFFIX: -11

CB (5/5)
SUFFIX: -11





CB (5/5)
BOARD NO. 1-882-613-11

VPL-VW90ES

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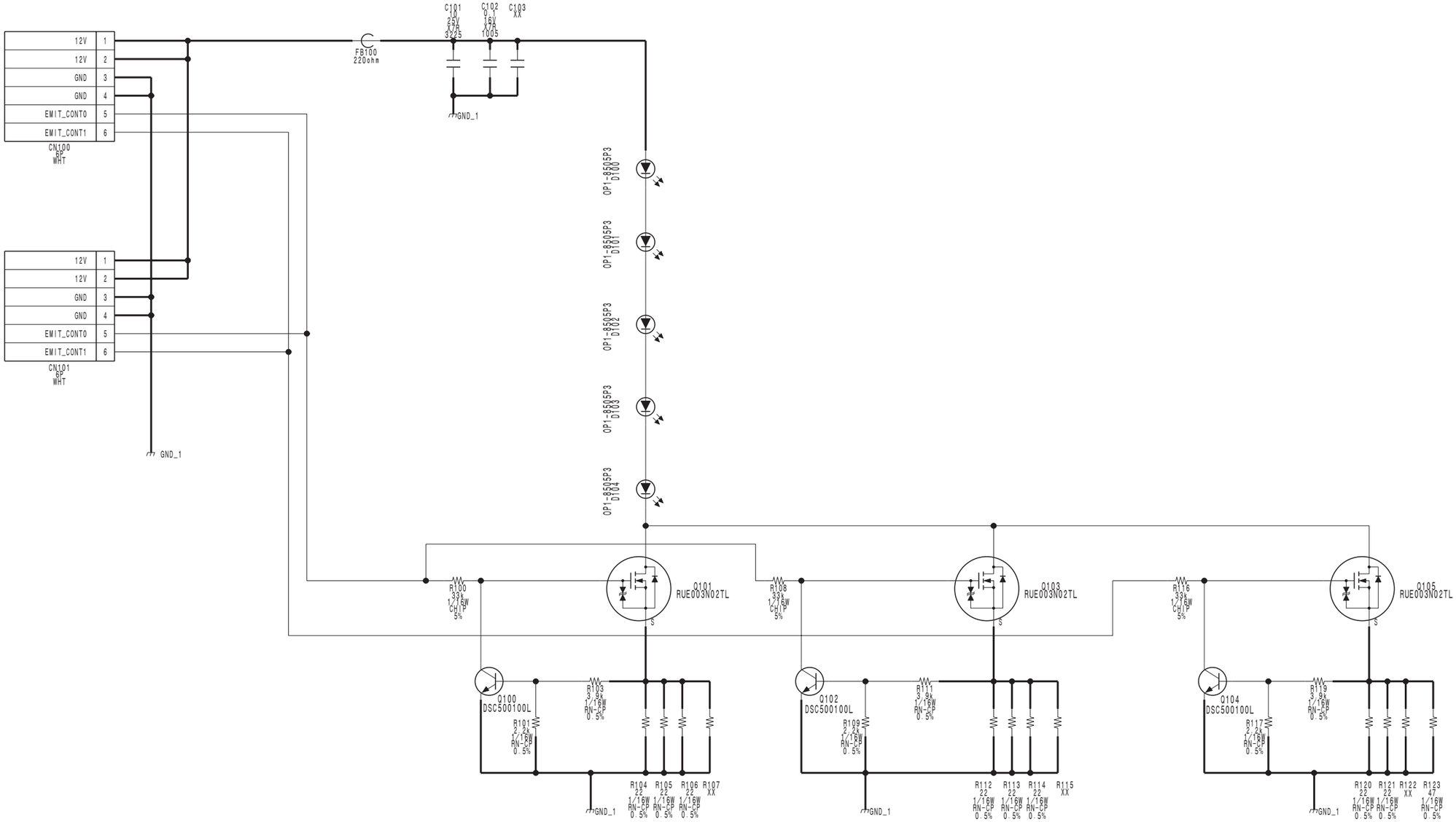
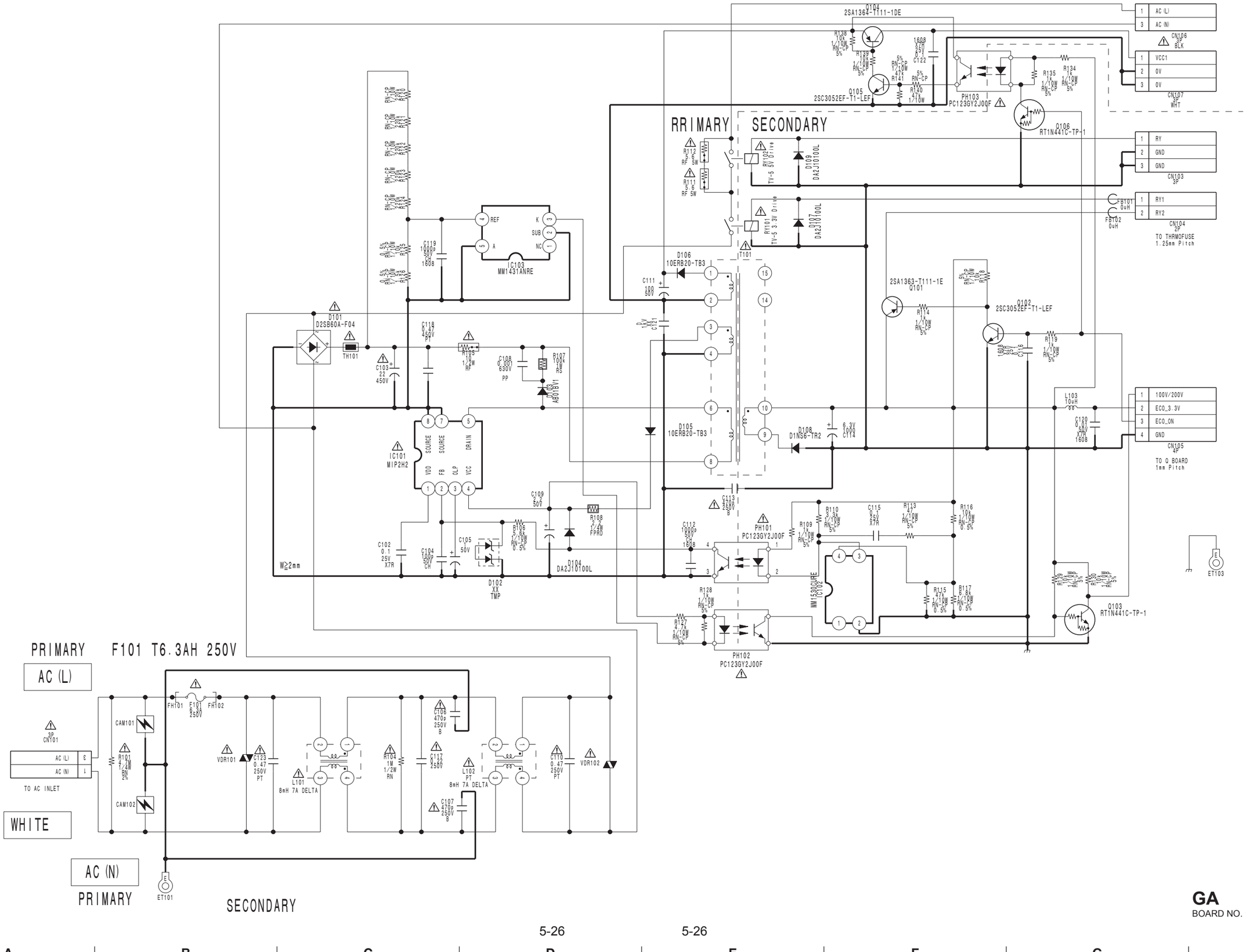


EM
BOARD NO. 1-883-303-11

GA
SUFFIX: -11

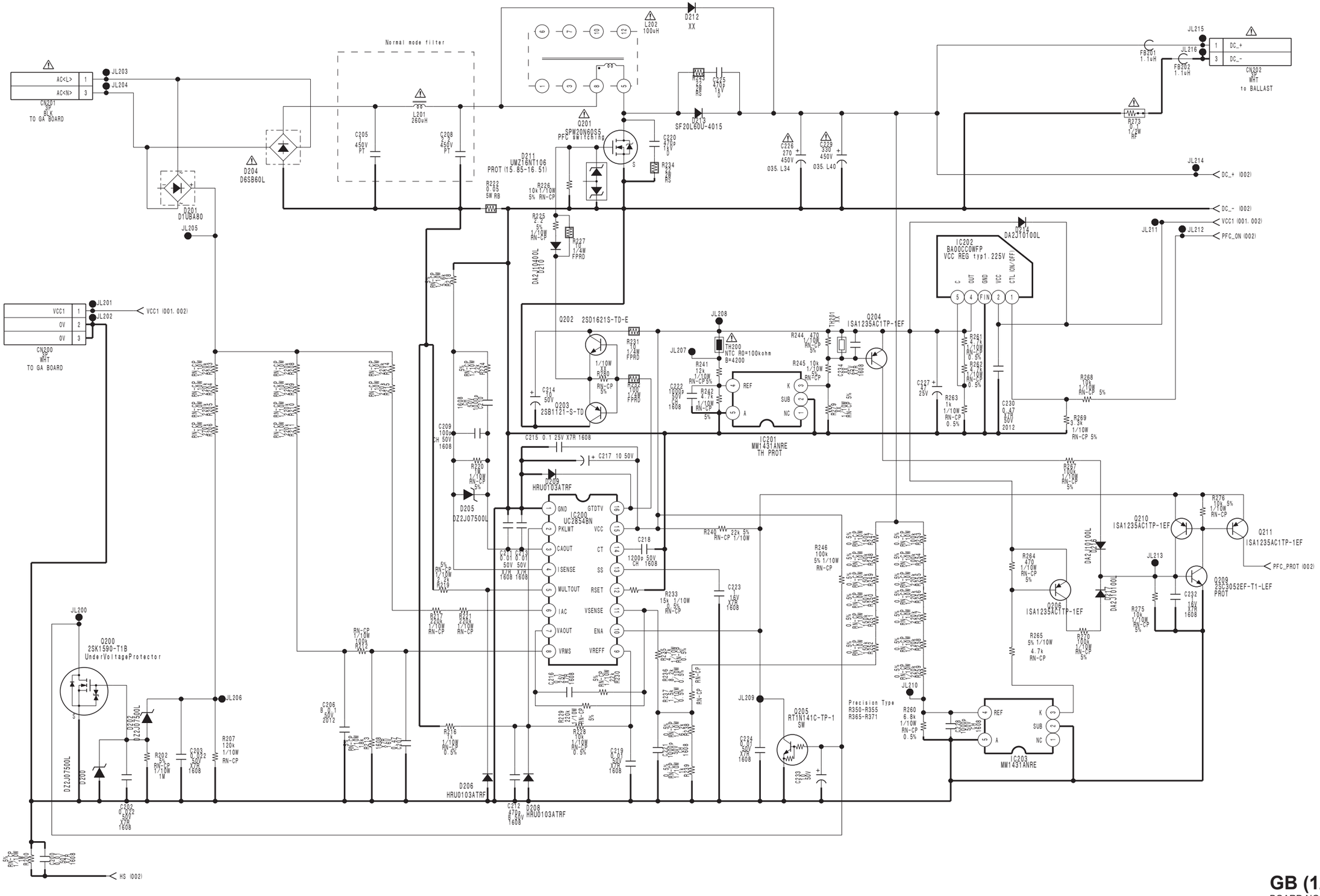


5-26

GA
BOARD NO. 1-883-304-11

VPL-VW90ES

GB (1/2) SUFFIX: -11



GB (1/2)
BOARD NO. 1-883-305-11

GB (2/2) SUFFIX: -11

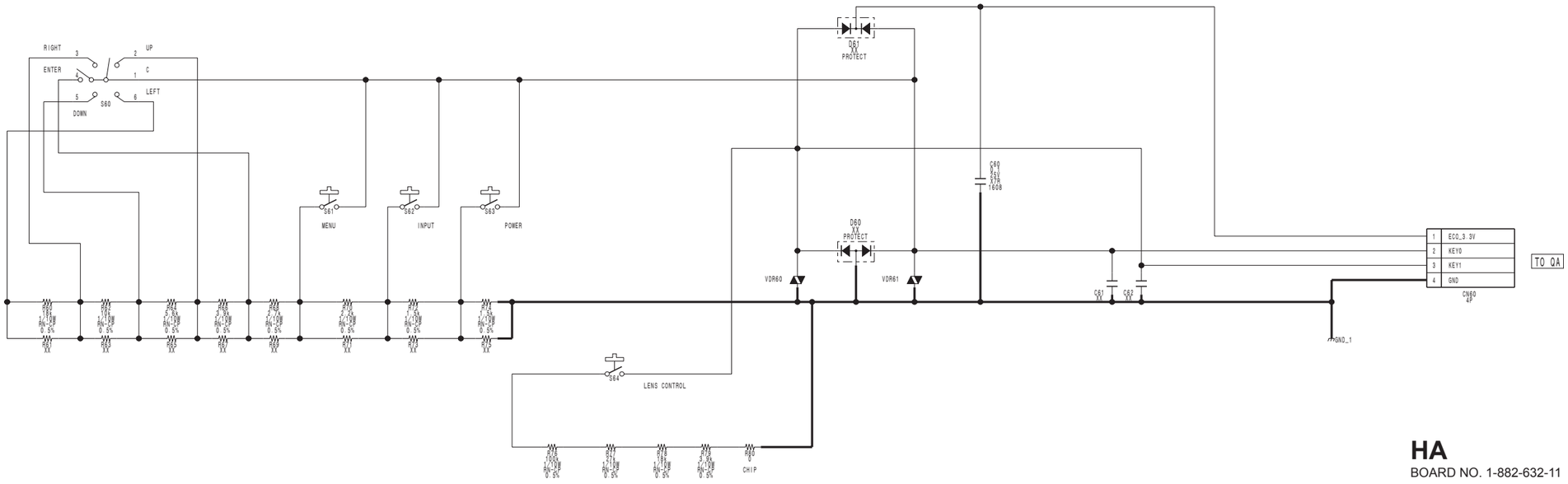
PRIMARY

Mount Mecha A103	D213. Q201	MOS-FET. FIRST RECOVERY DIODE

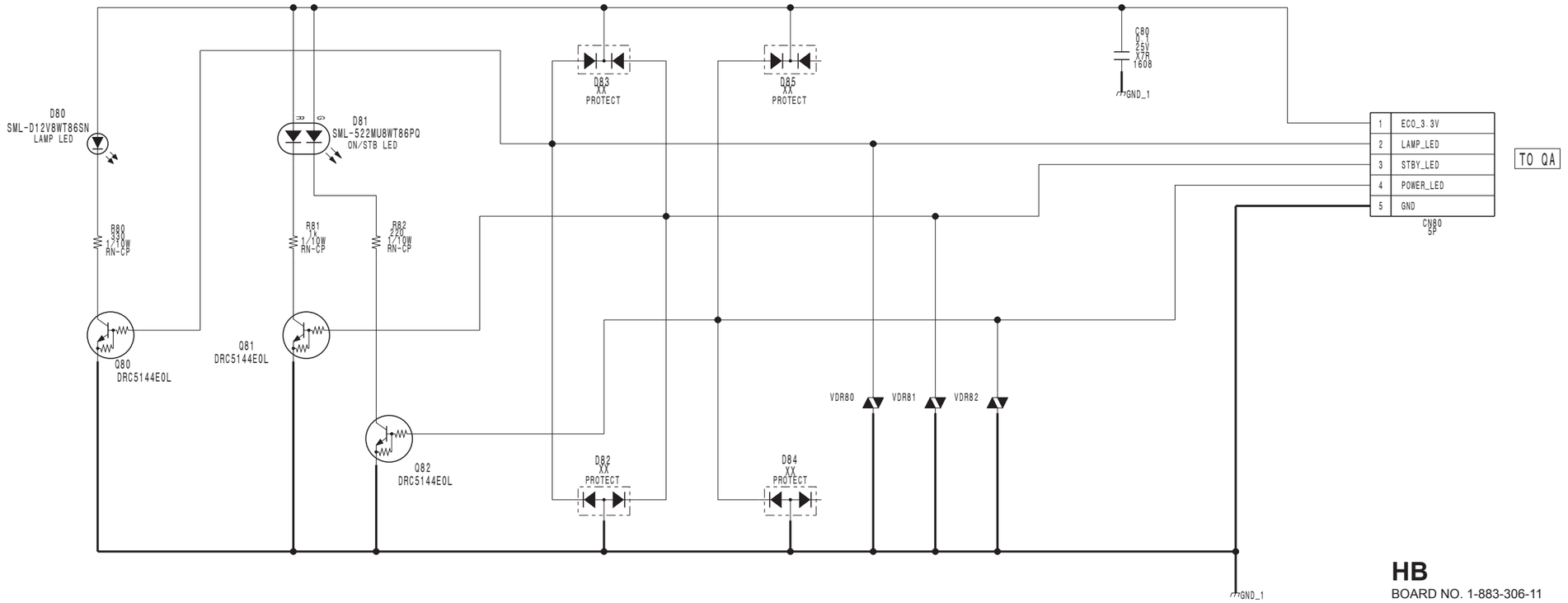
Mount Mecha A102	D204	BRIDGE DIODE

GB (2/2)
BOARD NO. 1-883-305-11

HA, HB
SUFFIX: -11

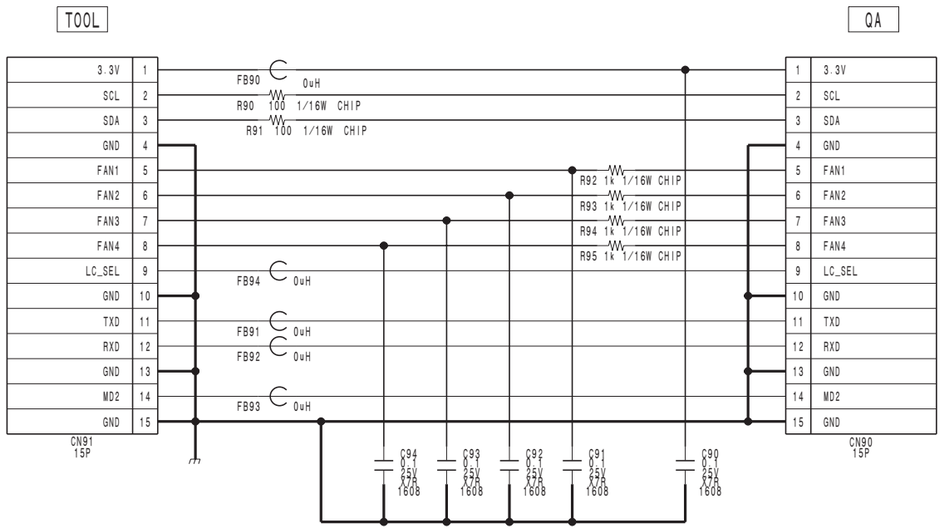


HA
BOARD NO. 1-882-632-11

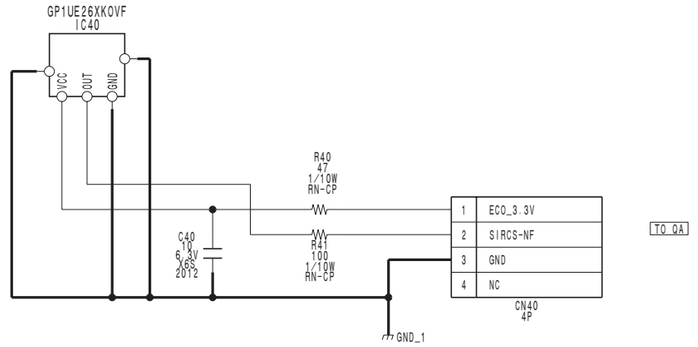


HB
BOARD NO. 1-883-306-11

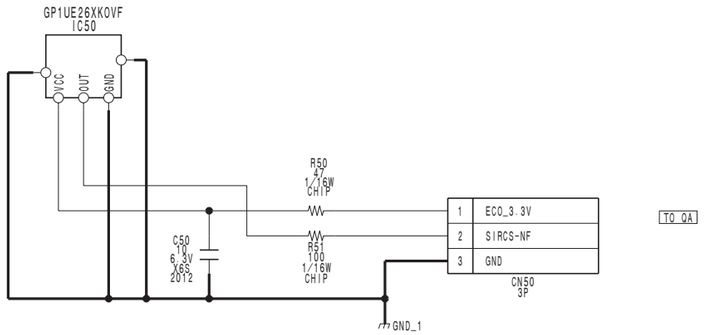
J, NF, NR
SUFFIX: -11



J
BOARD NO. 1-882-638-11



NF
BOARD NO. 1-882-636-11



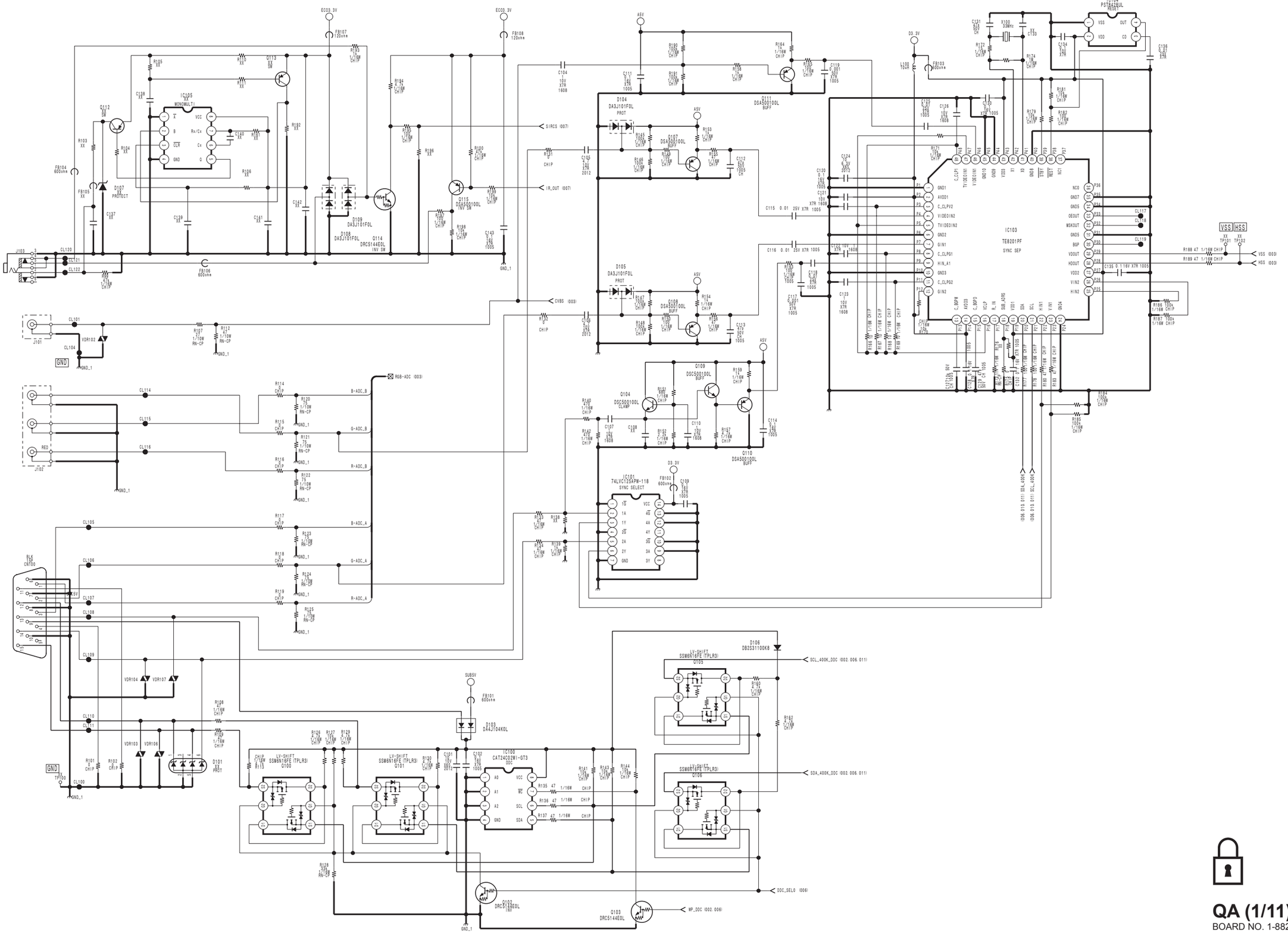
NR
BOARD NO. 1-882-637-11

QA (1/11)

SUFFIX: -11

QA (1/11)

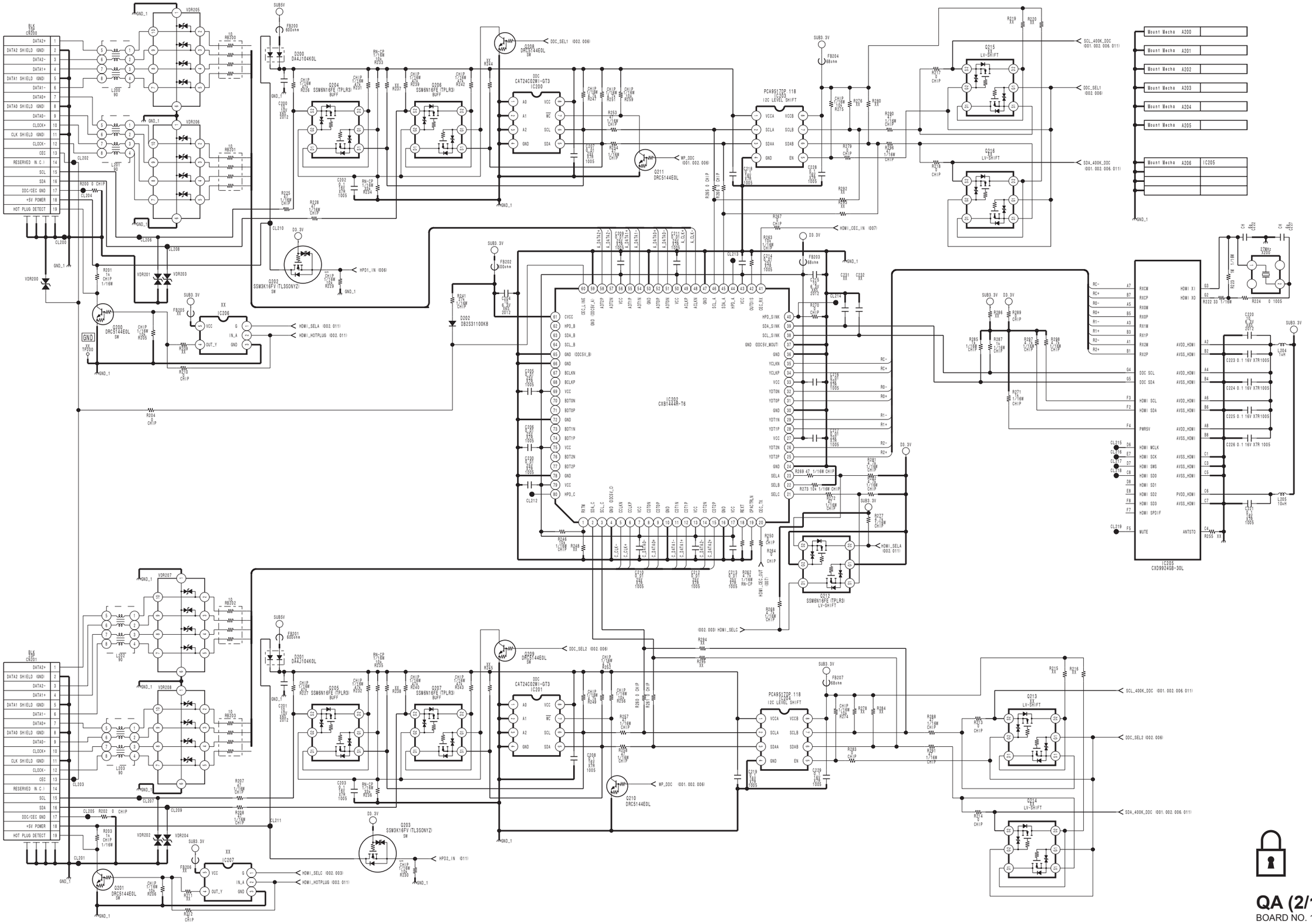
SUFFIX: -11



QA (1/11)

BOARD NO. 1-882-615-11

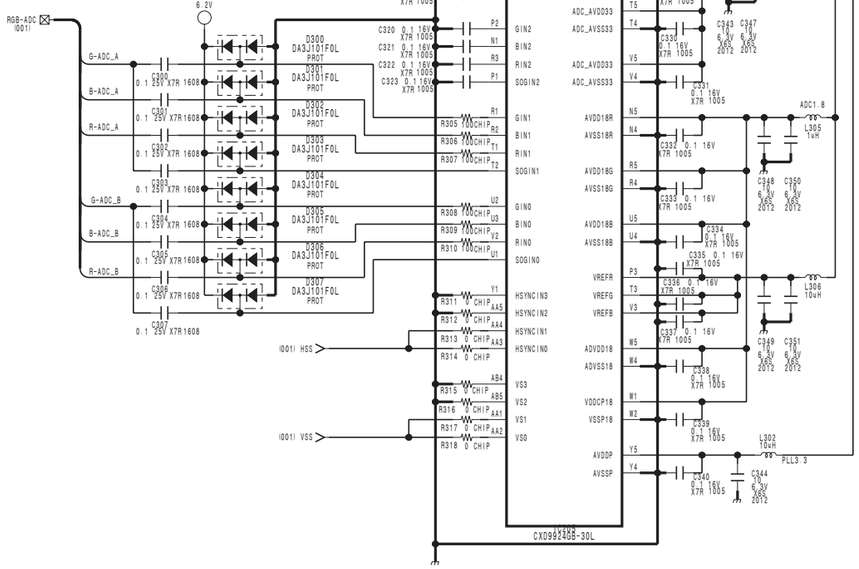
QA (2/11)
SUFFIX: -11

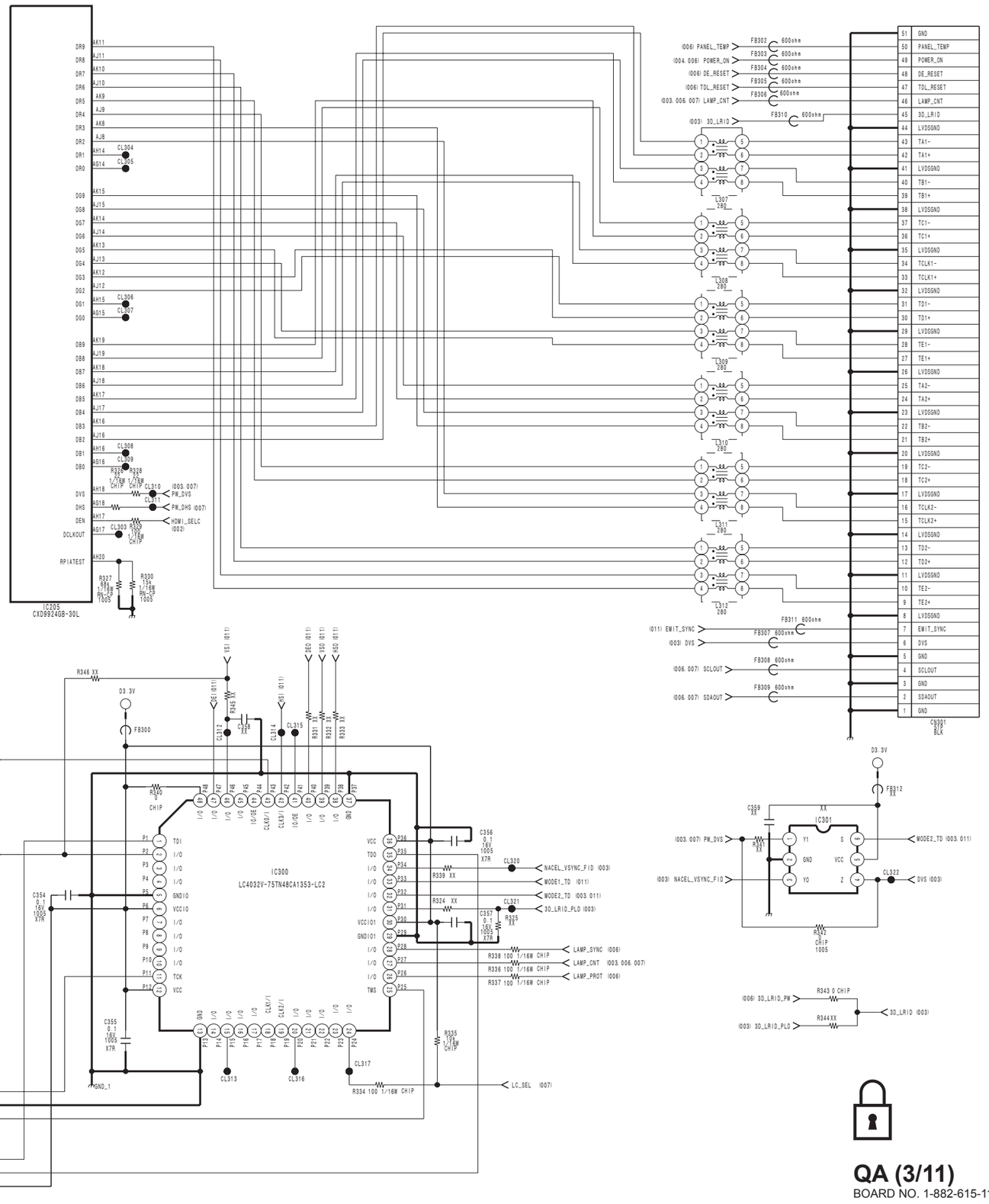


QA (2/11)
BOARD NO. 1-882-615-11

VPL-VW90ES

QA (3/11)
SUFFIX: -11





QA (3/11)
BOARD NO. 1-882-615-11

VPL-VW90ES

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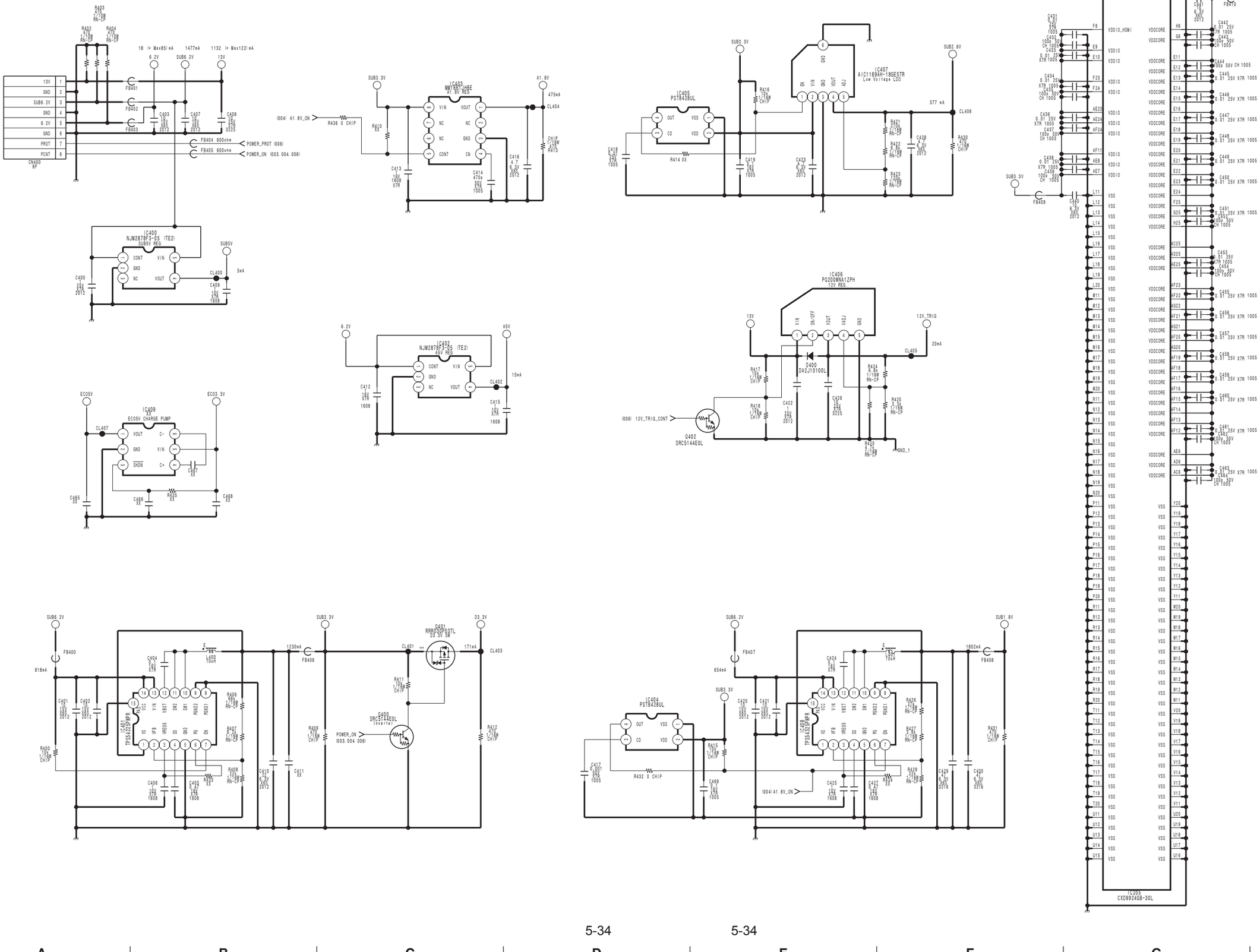
QA (4/11)
SUFFIX: -11



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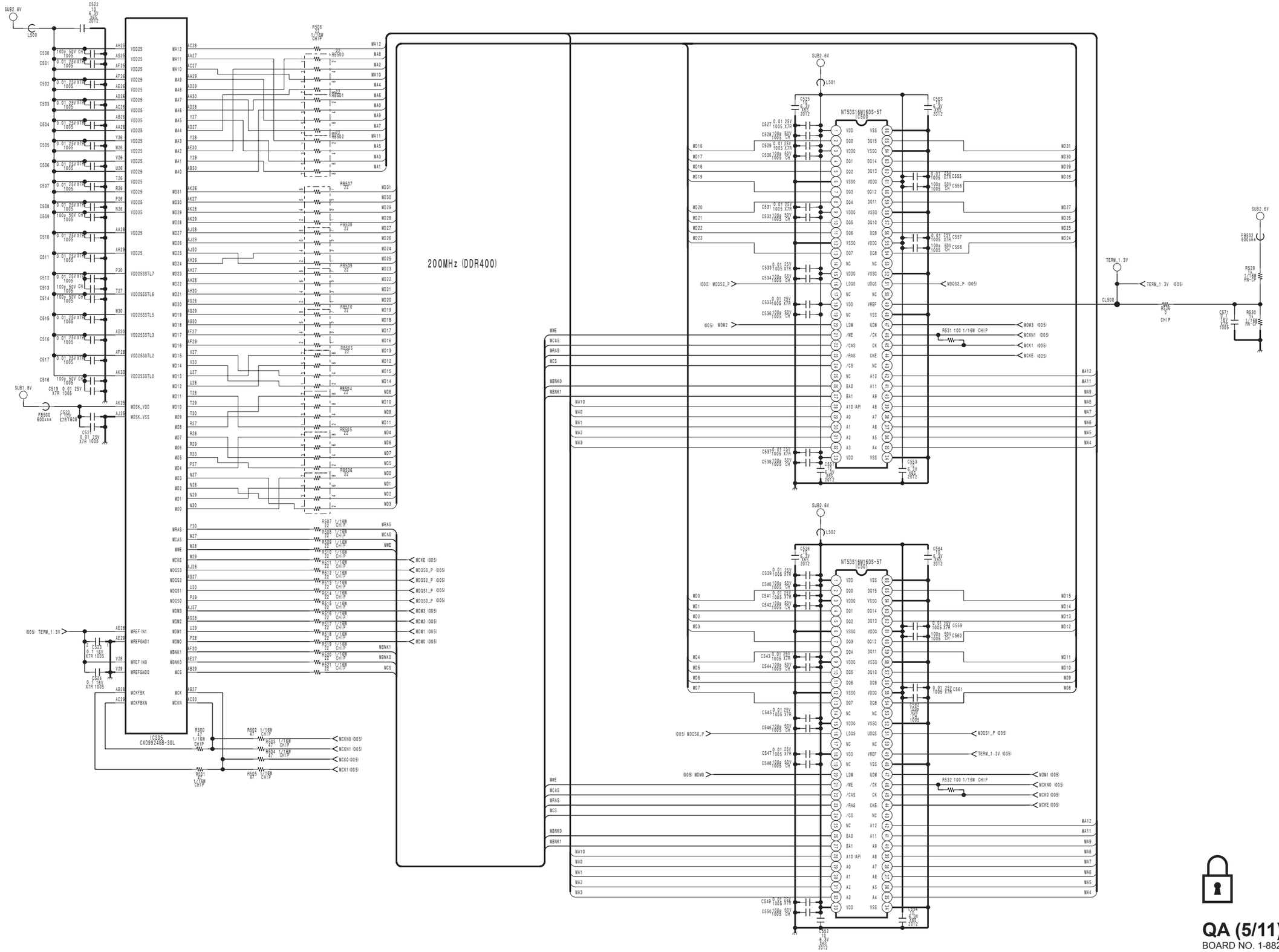
QA (4/11)
BOARD NO. 1-882-615-11

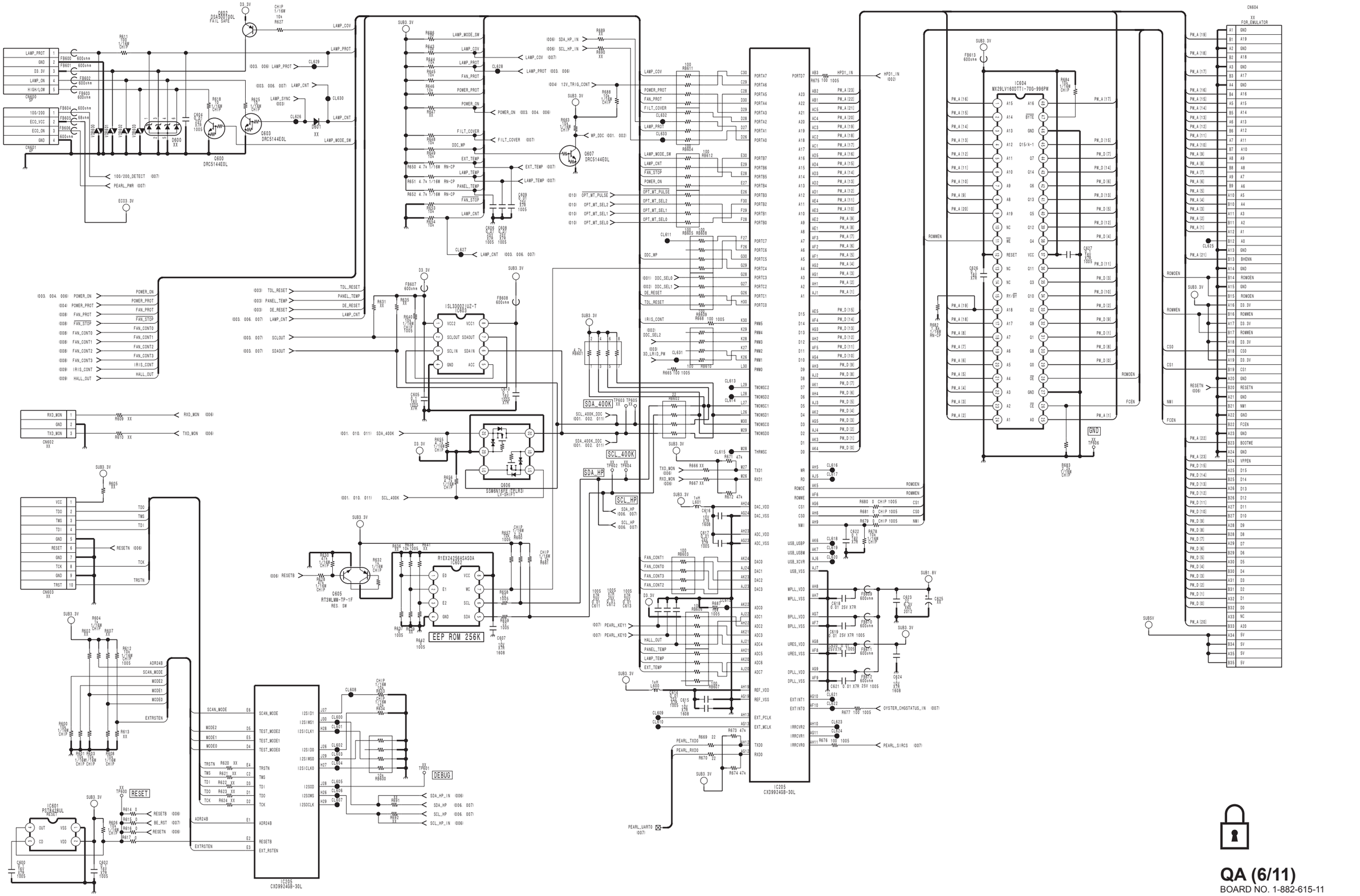
VPL-VW90ES

QA (5/11)
SUFFIX: -11

200MHz (DDR400)


SUB2.6V
L500
C522 10 6.3V X6S 2012
C500 100p 50V CH 1005
C501 0.01 25V X7R 1005
C502 0.01 25V X7R 1005
C503 0.01 25V X7R 1005
C504 0.01 25V X7R 1005
C505 0.01 25V X7R 1005
C506 0.01 25V X7R 1005
C507 0.01 25V X7R 1005
C508 0.01 25V X7R 1005
C509 100p 50V CH 1005
C510 0.01 25V X7R 1005
C511 0.01 25V X7R 1005
C512 0.01 25V X7R 1005
C513 100p 50V CH 1005
C514 100p 50V CH 1005
C515 0.01 25V X7R 1005
C516 0.01 25V X7R 1005
C517 0.01 25V X7R 1005
C518 100p 50V CH 1005
C519 0.01 25V X7R 1005
SUB1.8V
FB500 600ohm
C520 10 6.3V X7R 1608
C521 0.01 25V X7R 1005
AH25 AG25 AF25 AF26 AE26 AD26 AC26 AB26 AA26 Y26 W26 V26 U26 T26 R26 P26 N26 AA28 AH29 P30 T27 M30 AD30 AF28 AK30 AK25 AJ25
VDD25 VDD25 VDD25

QA (6/11)
SUFFIX: -11



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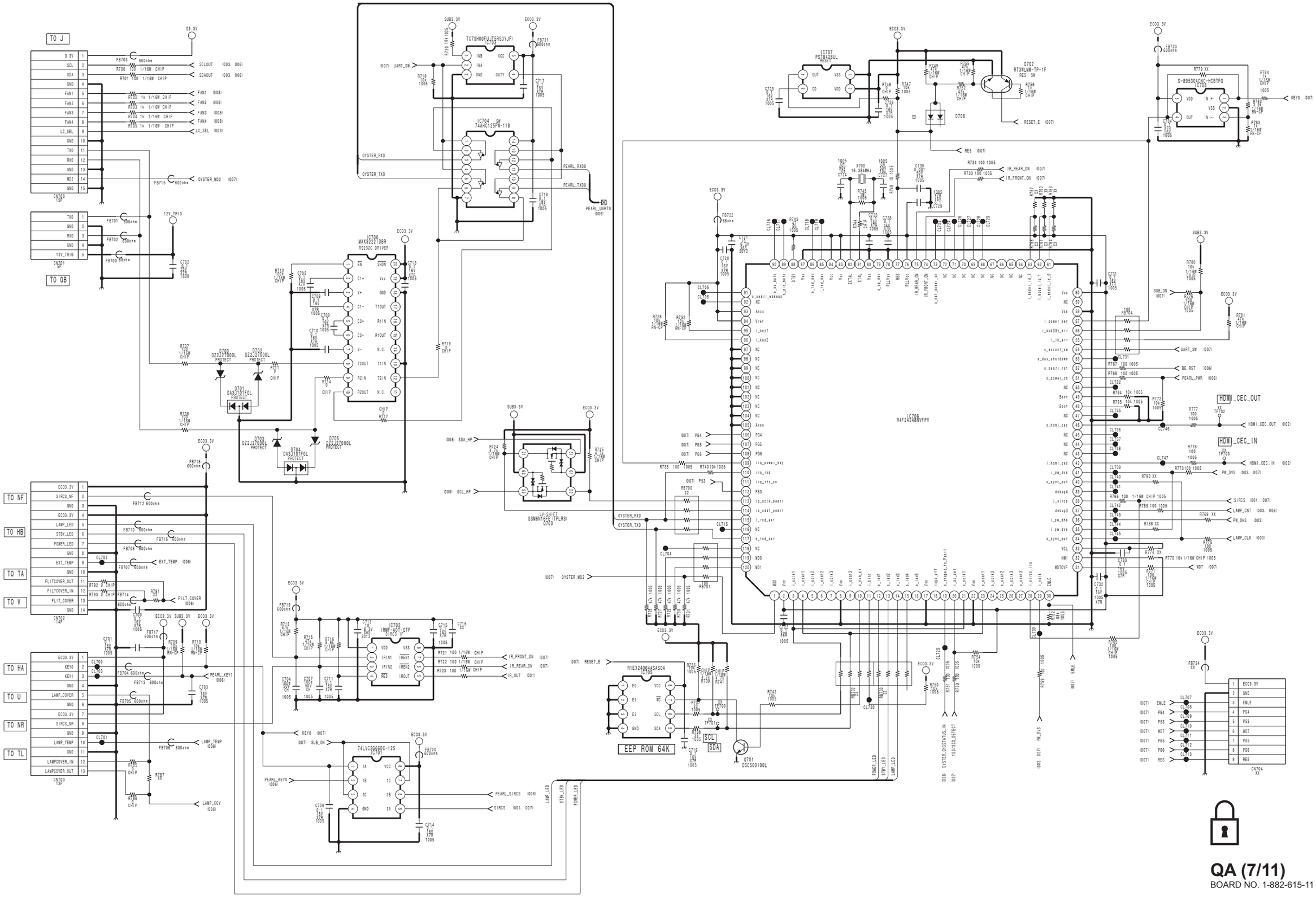
QA (6/11)
BOARD NO. 1-882-615-11

VPL-VW90ES

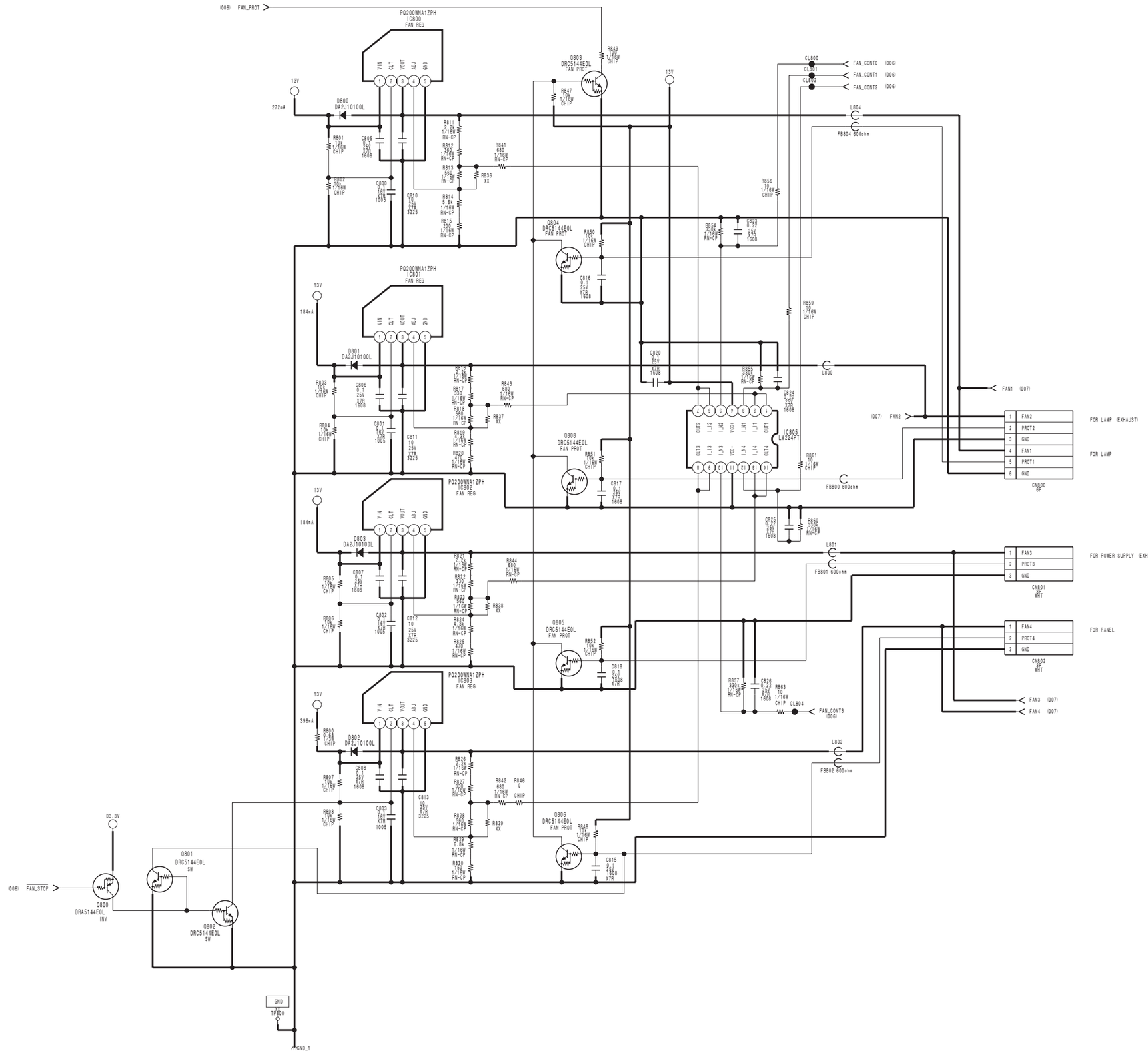
A B C D E F G H

QA (7/11)
SUFFIX: -11



QA (7/11)
BOARD NO. 1-882-615-11

QA (8/11)
SUFFIX: -11



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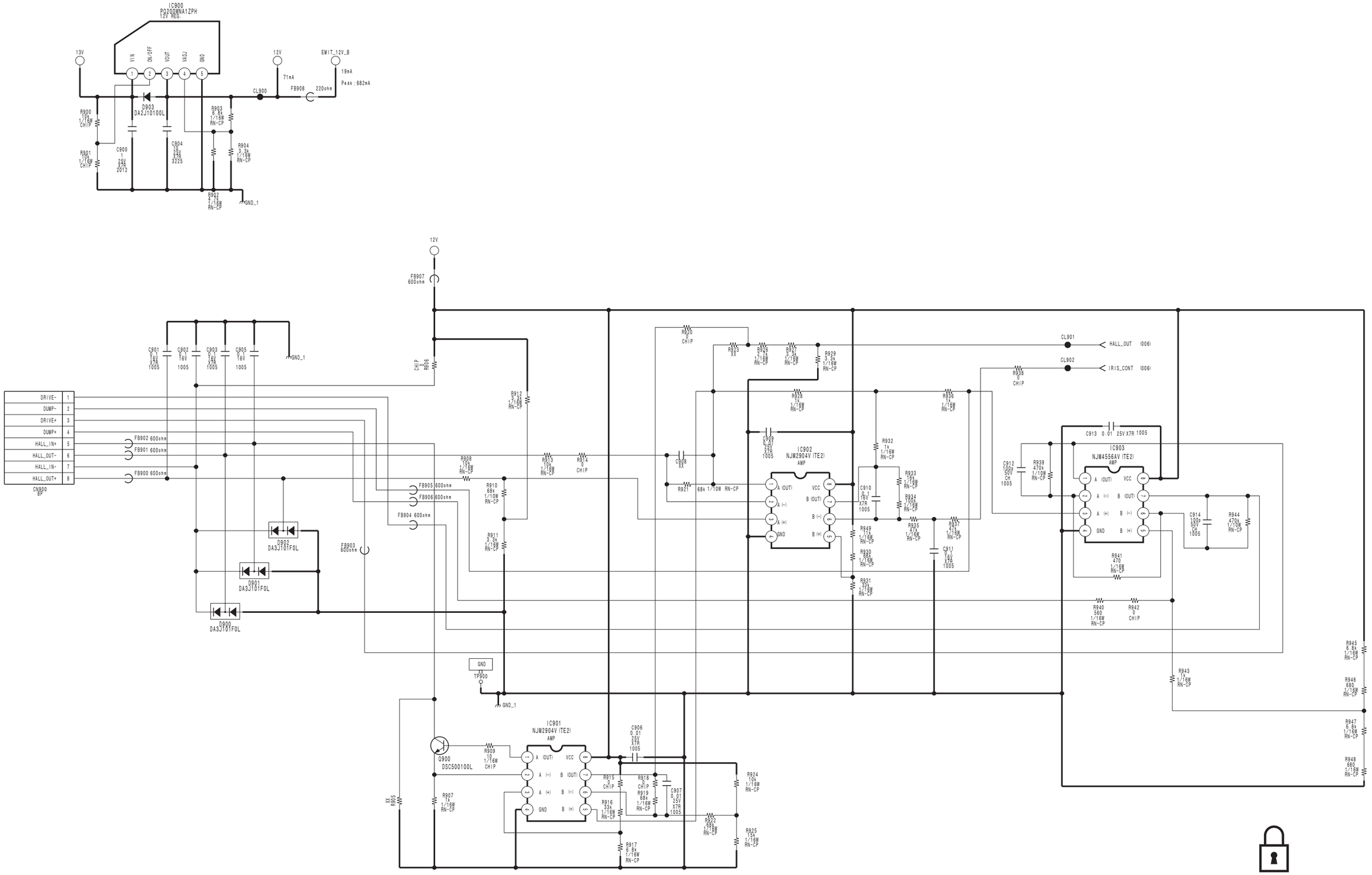
QA (8/11)
BOARD NO. 1-882-615-11

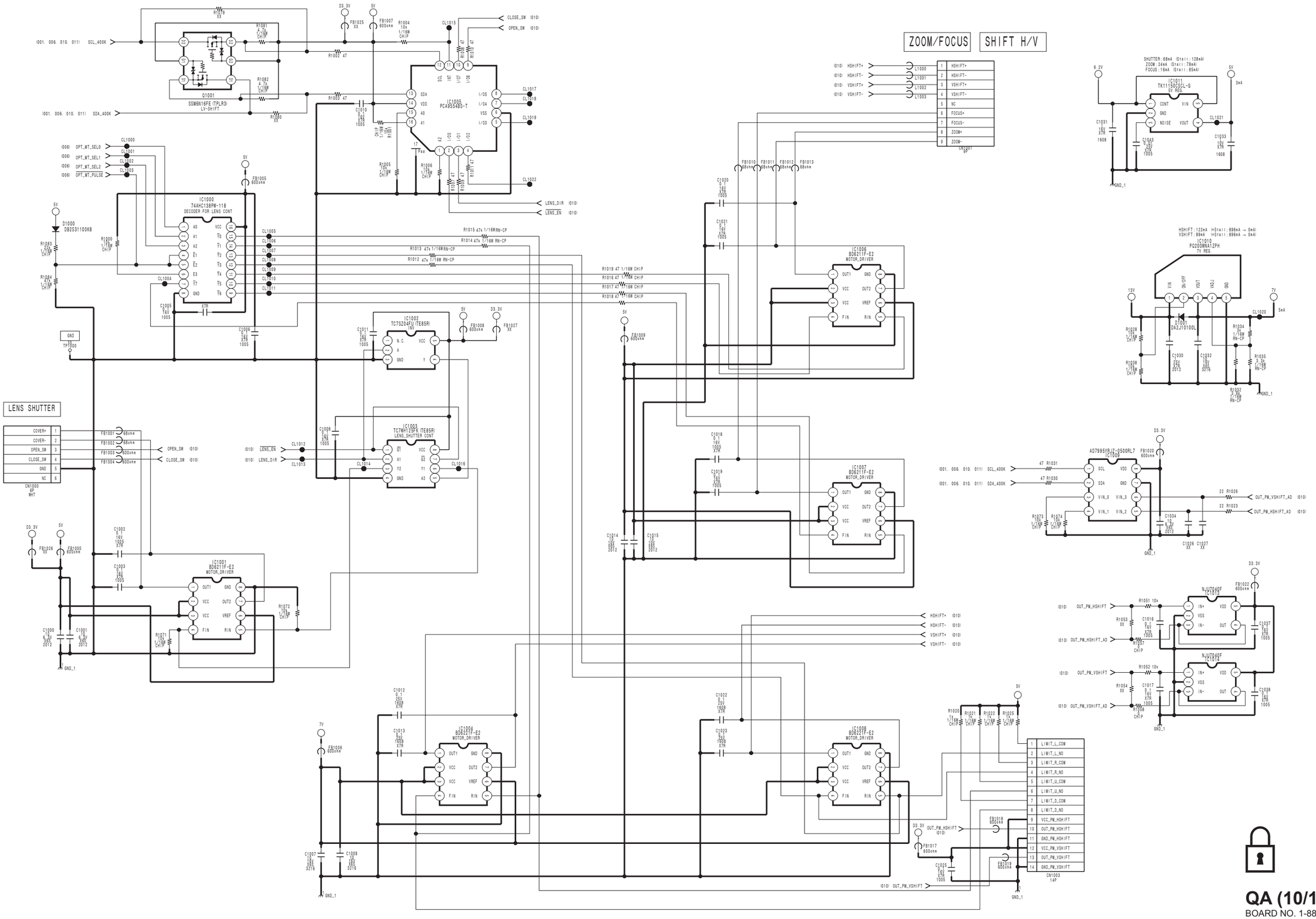
VPL-VW90ES

QA (9/11)
SUFFIX: -11



QA (9/11)
BOARD NO. 1-882-615-11

QA (10/11)
SUFFIX: -11

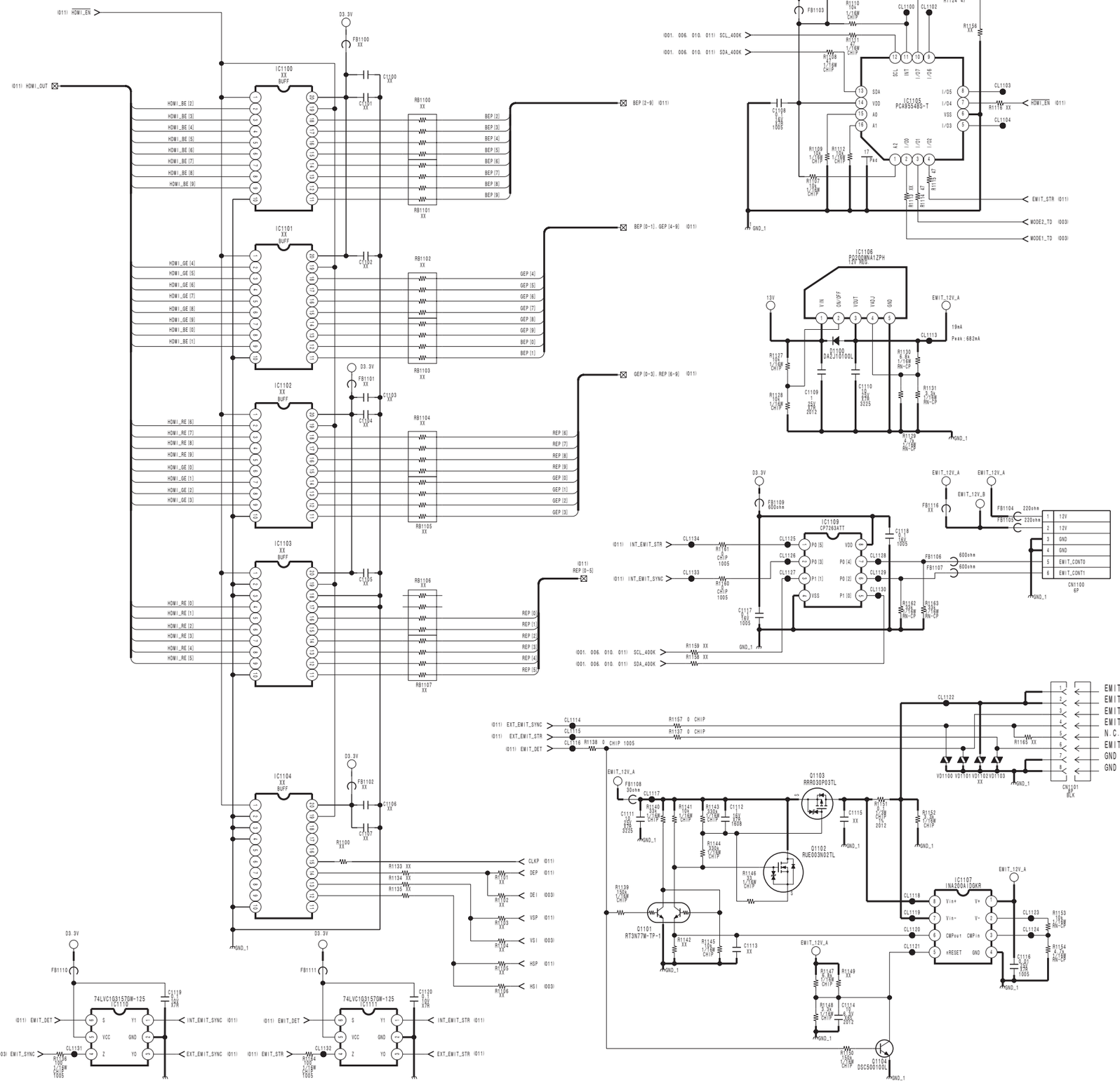


5-40

QA (10/11)
BOARD NO. 1-882-615-11

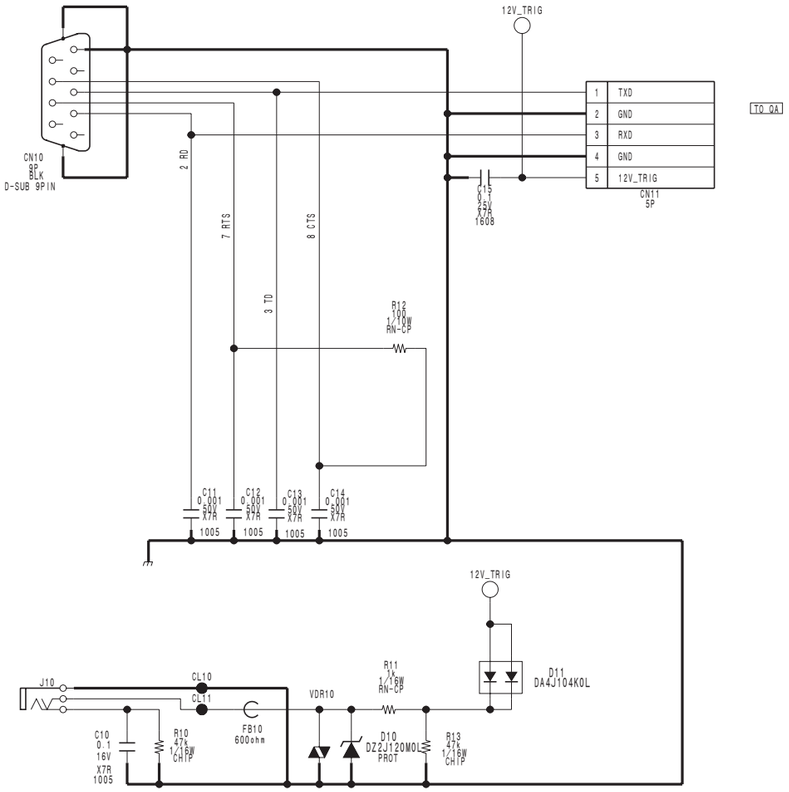
VPL-VW90ES

QA (11/11)
SUFFIX: -11

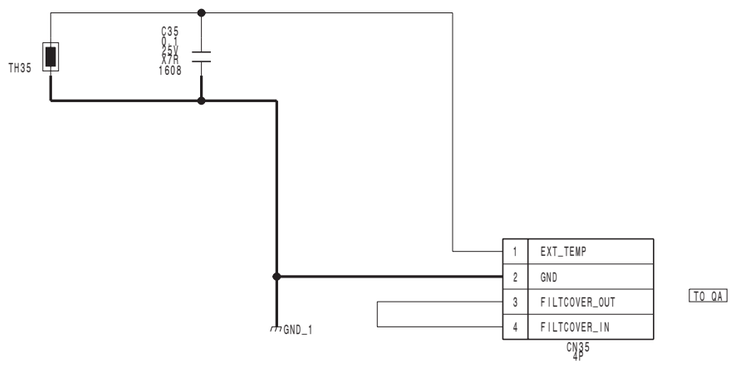


QA (11/11)
BOARD NO. 1-882-615-11

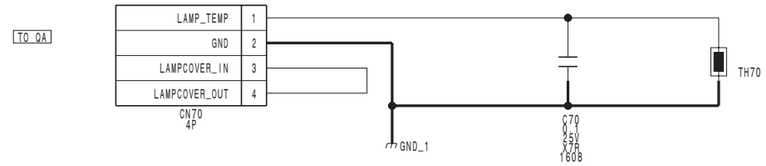
QB, TA, TL, U, V
SUFFIX: -11



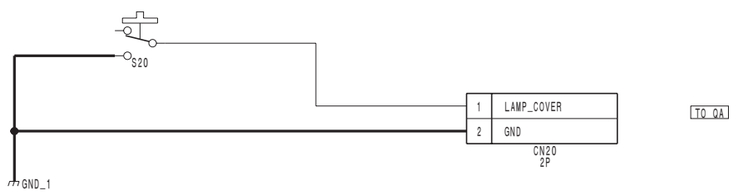
QB
BOARD NO. 1-882-616-11



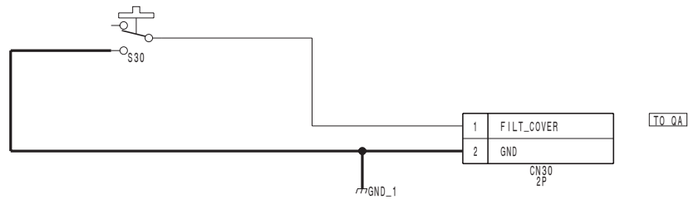
TA
BOARD NO. 1-882-639-11



TL
BOARD NO. 1-882-633-11

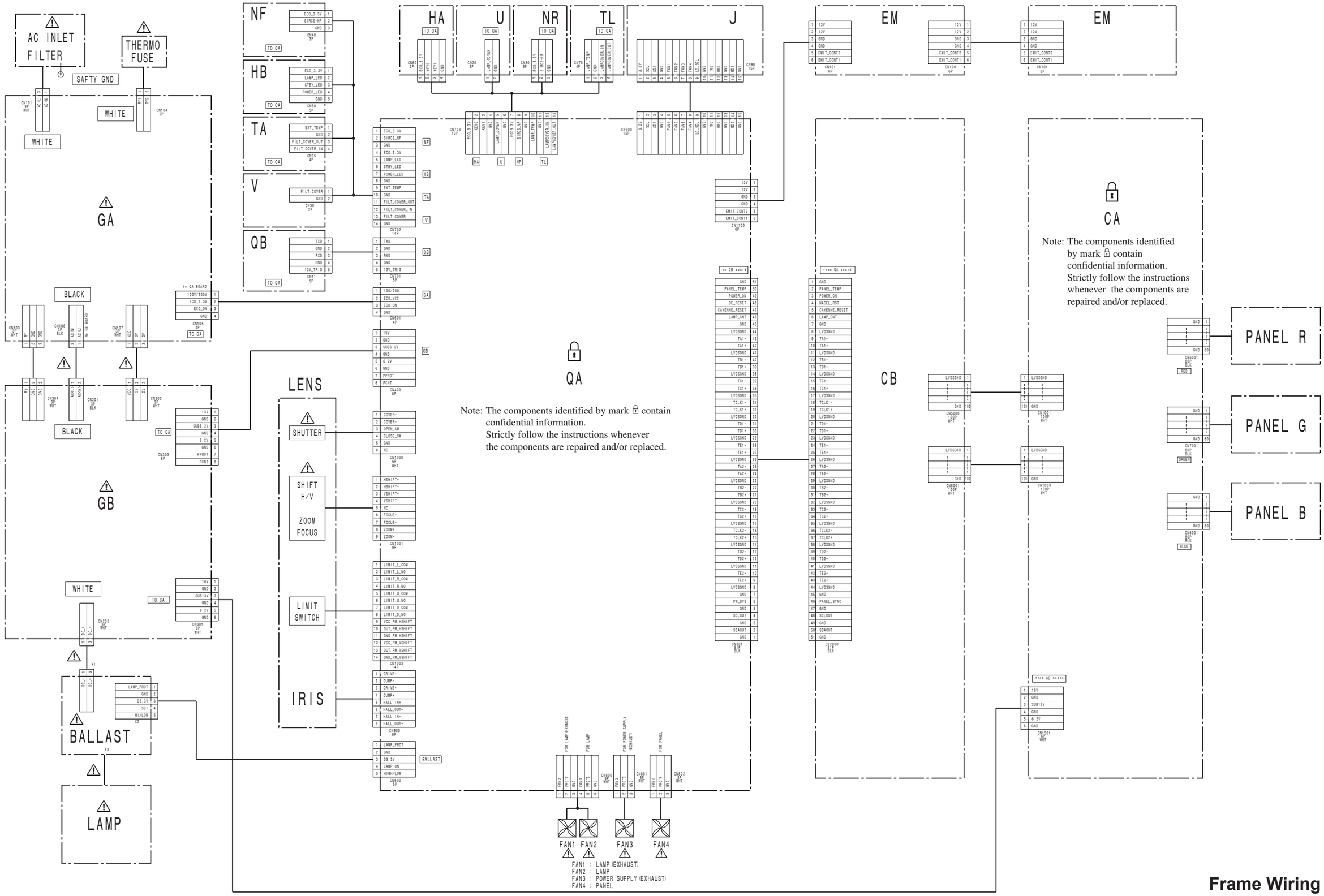


U
BOARD NO. 1-882-634-11



V
BOARD NO. 1-882-635-11

5-42


AC INLET FILTER
THERMO FUSE
SAFTY GND
WHITE
WHITE
GA
NF
HB
TA
V
QB
HA
U
NR
TL
J
EM
EM
CA
Note: The components identified by mark contain confidential information. Strictly follow the instructions whenever the components are repaired and/or replaced.
BLACK
BLACK
GB
LENS
SHUTTER
SHIFT H/V ZOOM FOCUS
LIMIT SWITCH
IRIS
WHITE
BALLAST
LAMP
QA
Note: The components identified by mark contain confidential information. Strictly follow the instructions whenever the components are repaired and/or replaced.
CB
PANEL R
PANEL G
PANEL B
FAN1 : LAMP (EXHAUST)
FAN2 : LAMP
FAN3 : POWER SUPPLY (EXHAUST)
FAN4 : PANEL

Section 6
Board Layouts

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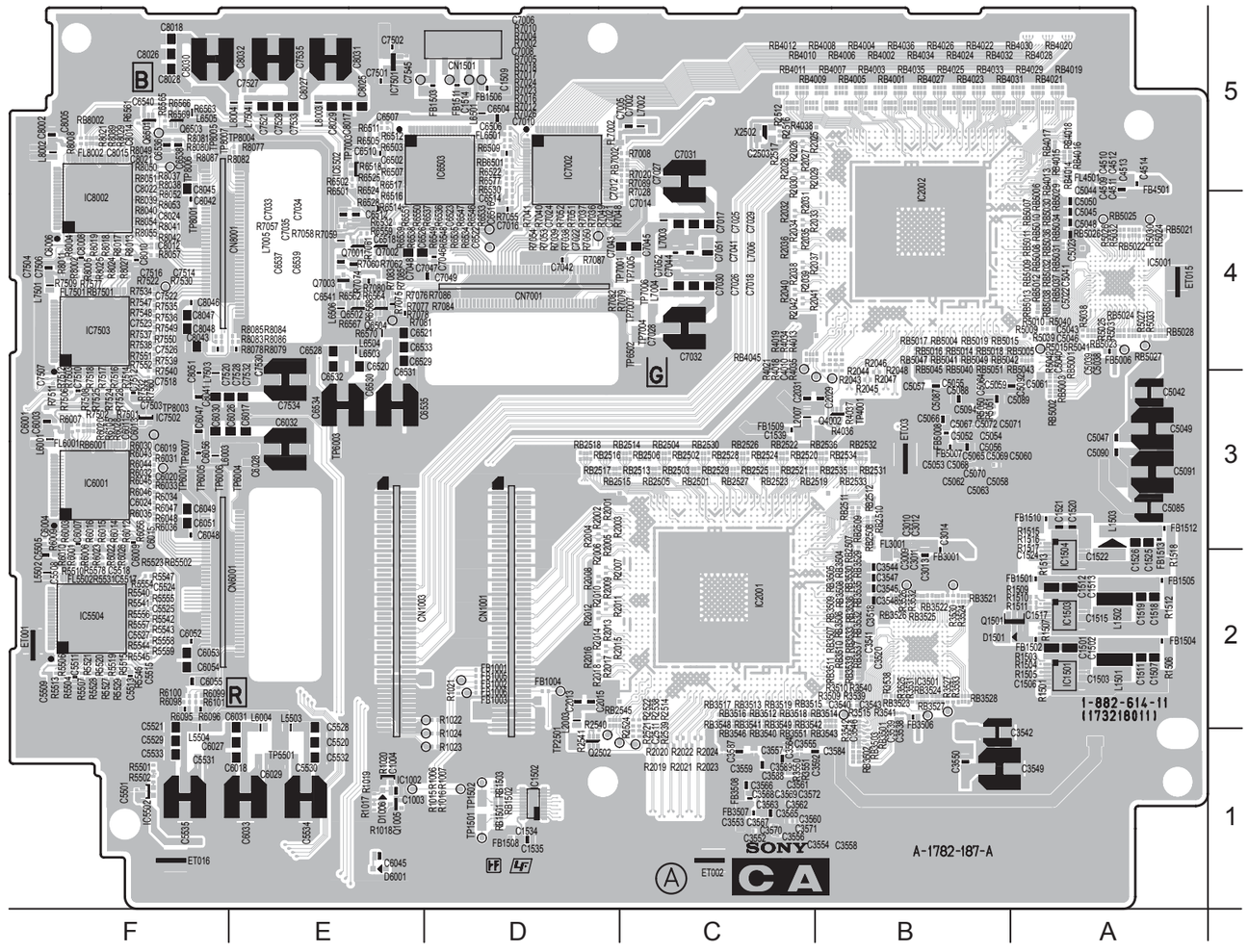
TL	6-14
U	6-14
V	6-14

6-1

CA (1-882-614-11)
---
*:B SIDE

D1006	E1	IC8004	*F4	TP6002	*E3
D1501	A2	IC8005	*E3	TP6003	E3
D5501	*E1			TP6004	E3
D6001	E1	Q1001	*D1	TP6005	F3
D6002	*F3	Q1002	*D1	TP6006	F3
D6501	*C5	Q1003	*D1	TP6007	F3
D7001	*E5	Q1004	*D1	TP6501	*C5
D7501	*E1	Q1005	E1	TP6502	C4
D8001	*F3	Q1501	A2	TP7001	D4
		Q2501	*C1	TP7002	*E5
IC1001	*D1	Q2502	D1	TP7003	E5
IC1002	E1	Q4001	*C3	TP7004	C4
IC1501	A2	Q4002	B3	TP7005	C4
IC1502	D1	Q5501	*F3	TP7006	C4
IC1503	A2	Q5502	*F3	TP7007	C4
IC1504	A2	Q5503	*F2	TP7501	*E1
IC2001	C2	Q5504	*F2	TP8001	F4
IC2002	B4	Q5505	*E2	TP8002	*E3
IC2501	*C1	Q6001	*F1	TP8003	F3
IC2502	*C1	Q6002	*E1	TP8004	E5
IC3501	B2	Q6003	*E1	TP8005	F5
IC3502	*B1	Q6004	*F1	TP8006	F5
IC3503	*C1	Q6005	*E1	TP8007	F5
IC3504	*A1	Q6006	*E1		
IC4002	*C3	Q6007	*F3	X2501	*B3
IC4003	*C3	Q6008	*F3	X2502	C5
IC5001	A4	Q6009	*E1	X4001	*A5
IC5002	*A3	Q6010	*E1		
IC5003	*B3	Q6011	*E1		
IC5004	*A3	Q6012	*E1		
IC5501	*D1	Q6501	F5		
IC5502	F1	Q6502	E4		
IC5503	*E1	Q6503	F5		
IC5504	F4	Q6504	E4		
IC5505	*E1	Q6505	*C4		
IC6001	F3	Q7001	E4		
IC6002	*F2	Q7002	E4		
IC6004	*F1	Q7003	E4		
IC6005	*E1	Q7004	*D4		
IC6006	*E3	Q7005	*D4		
IC6501	*C4	Q7501	*C4		
IC6502	E5	Q7502	*F4		
IC6503	D5	Q7503	*C4		
IC6504	*D5	Q7504	*F4		
IC6505	*C5	Q7505	*E5		
IC7001	*D5	Q8001	*F4		
IC7002	D5	Q8002	*F4		
IC7004	*E5	Q8003	*F5		
IC7005	*C4	Q8004	*F5		
IC7501	E5				
IC7502	F3	TP1501	D1		
IC7503	F4	TP1502	D1		
IC7504	*F5	TP2501	D1		
IC7505	*E5	TP4001	B3		
IC8001	*E5	TP5501	E1		
IC8002	F5	TP6001	F3		



CA -A SIDE-
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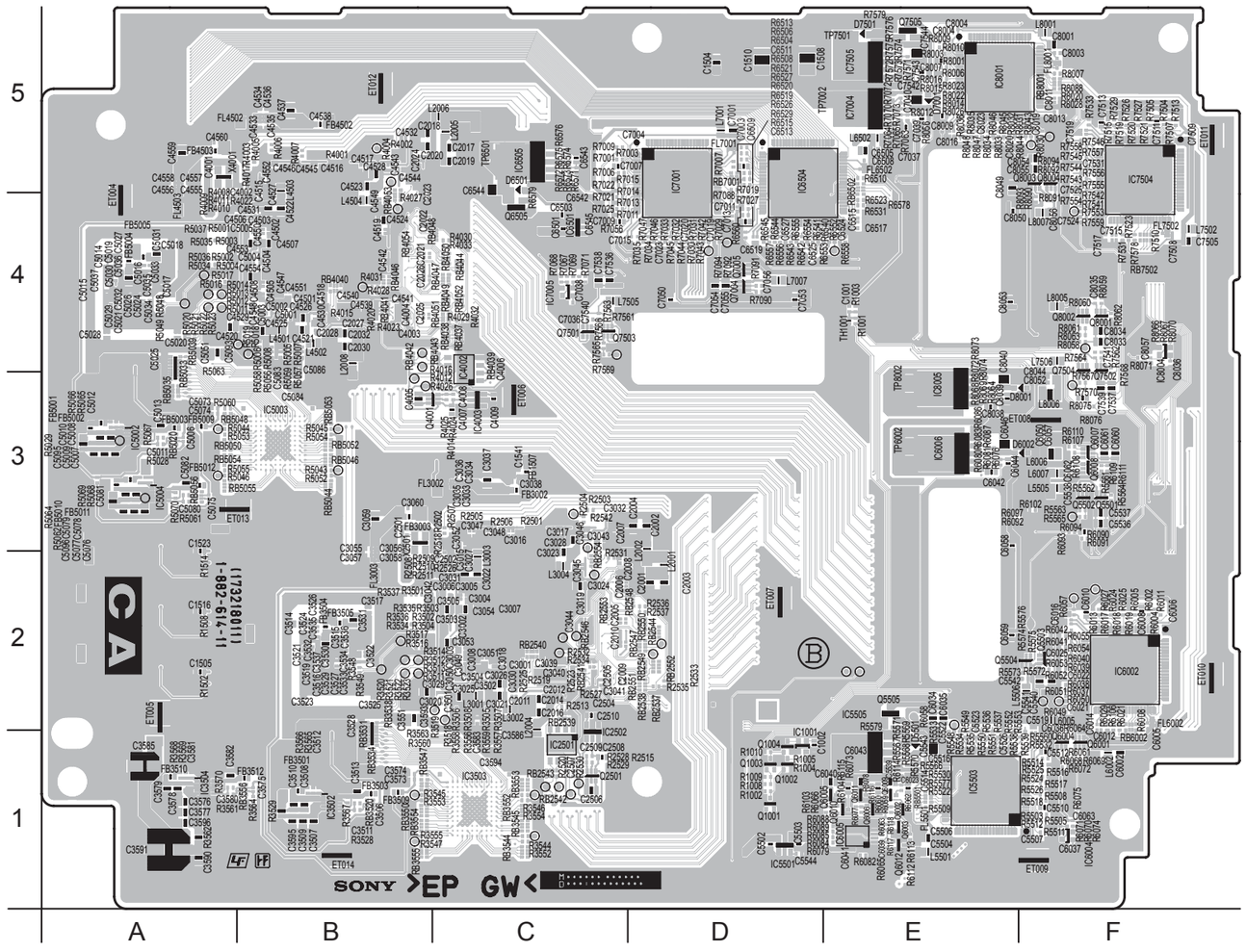

CA -B SIDE-
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-----------------
CB (1-882-613-11)
-----------------
*:B SIDE

D1000   D1
D1001   D1
D1002   D1
D1003  *D2

IC1000  D2
IC1001  C1
IC1002  B4
IC1003  A2
IC1004  C2
IC2000  B3
IC4000  A3
IC4001  A4
IC4002  B2
IC4003  B2
IC5000  A5
IC5001  C4
IC5002  B5
IC5003 *C2

Q1000  *D1
Q5000  *B4
Q5001  *B4

TP2000 *B5
TP2001  C5
TP5000  B5
TP5001  B4
TP5002  B4

X5000   B4
X5001   B4
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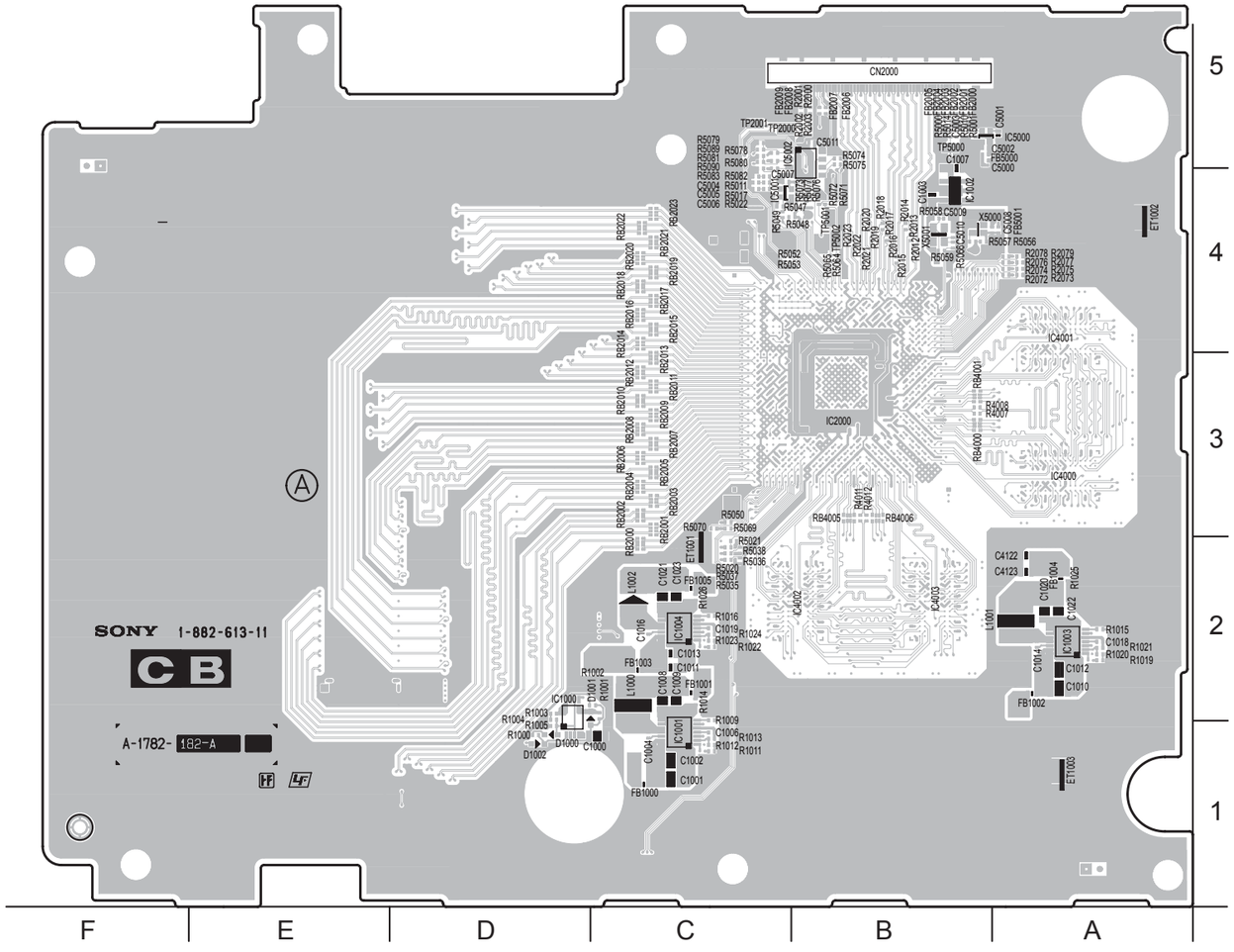

CB -A SIDE-
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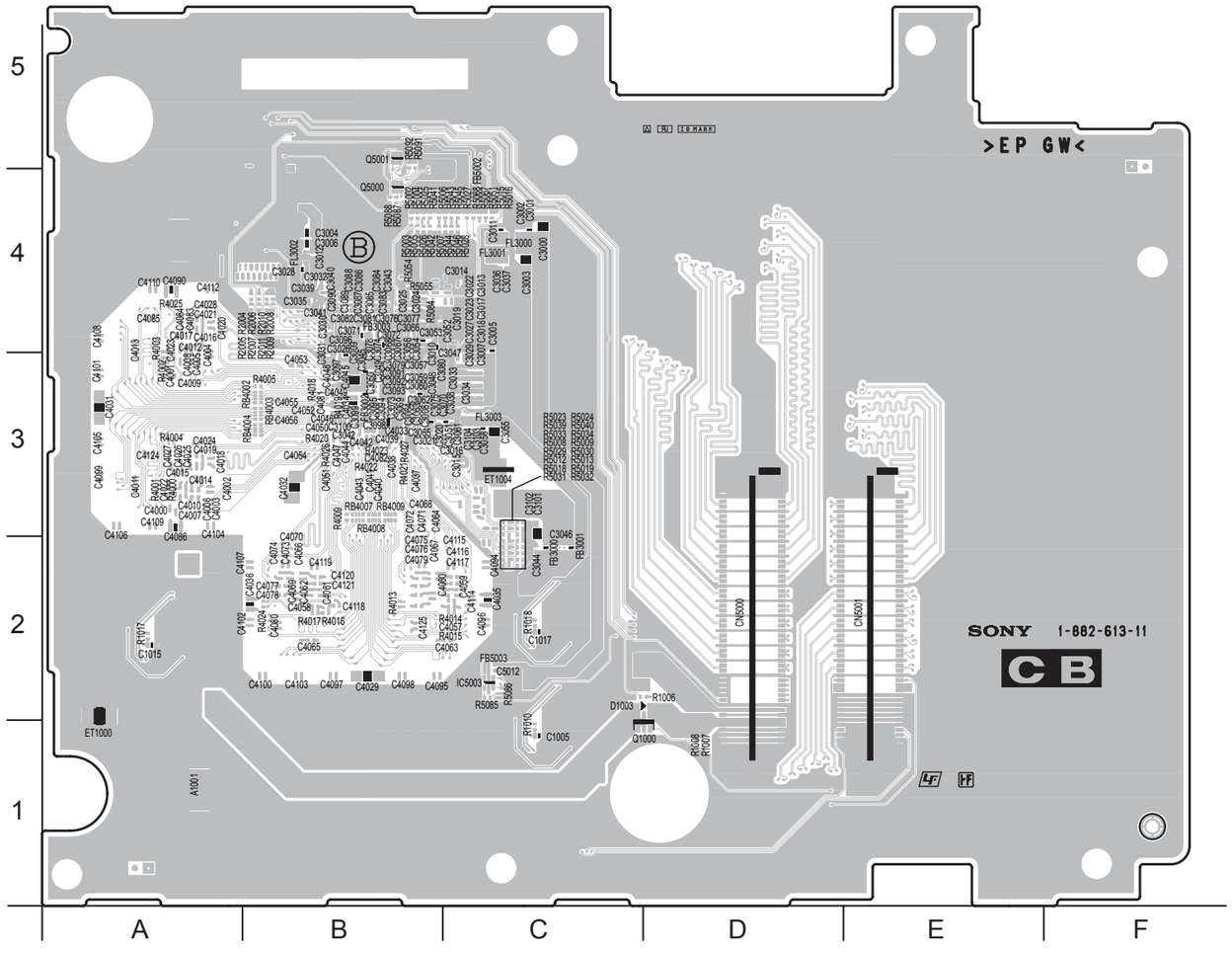


CB -B SIDE-
SUFFIX: -11

GA (1-883-304-11)
---
*:B SIDE

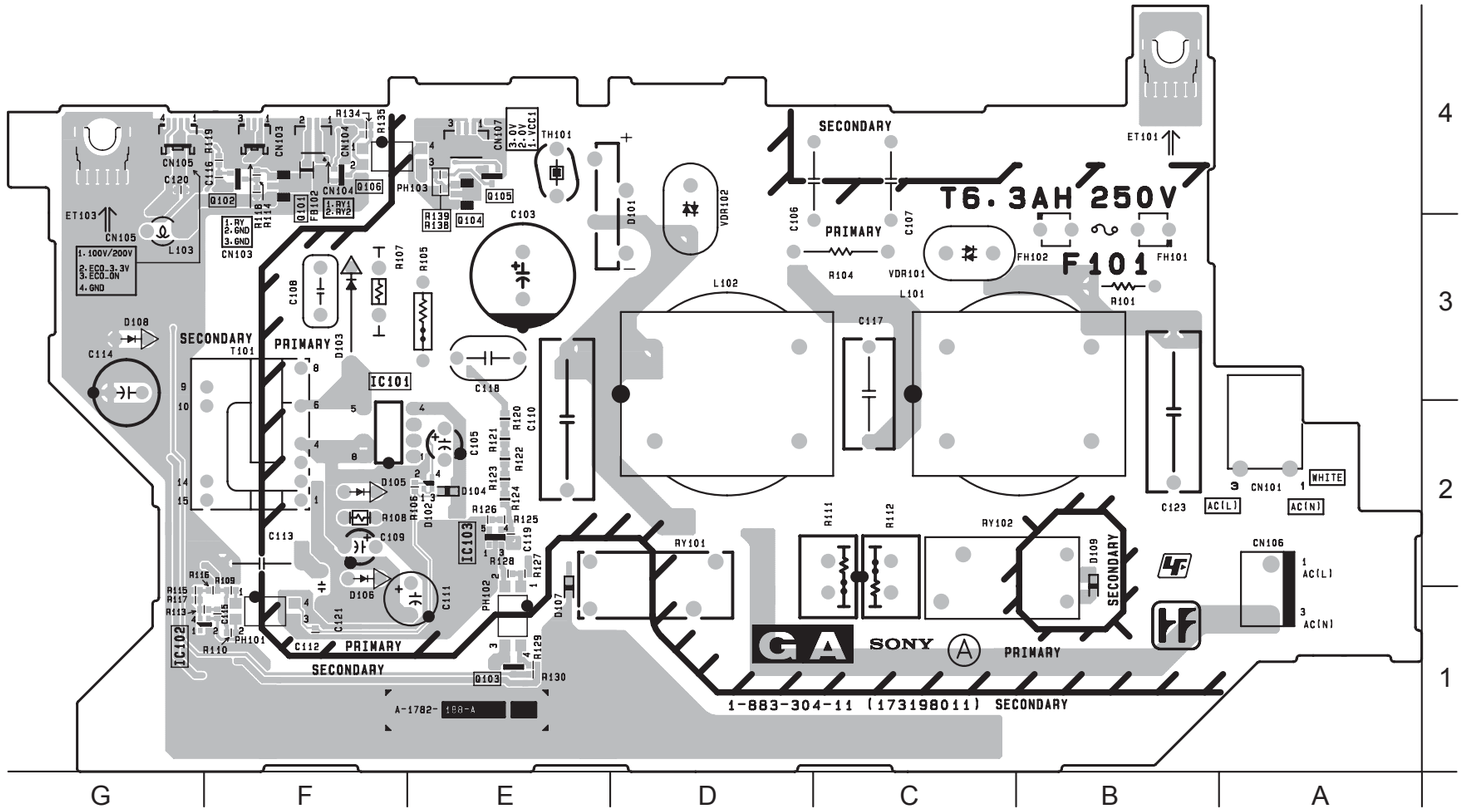
D101 E4
D102 E2
D103 F3
D104 E2
D105 F2
D106 F1
D107 E1
D108 G3
D109 B2

IC101 F2
IC102 F1
IC103 E2

PH101 F1
PH102 E1
PH103 F4

Q101 F4
Q102 F4
Q103 E1
Q104 E4
Q105 E4
Q106 F4

VDR101 C3
VDR102 D4



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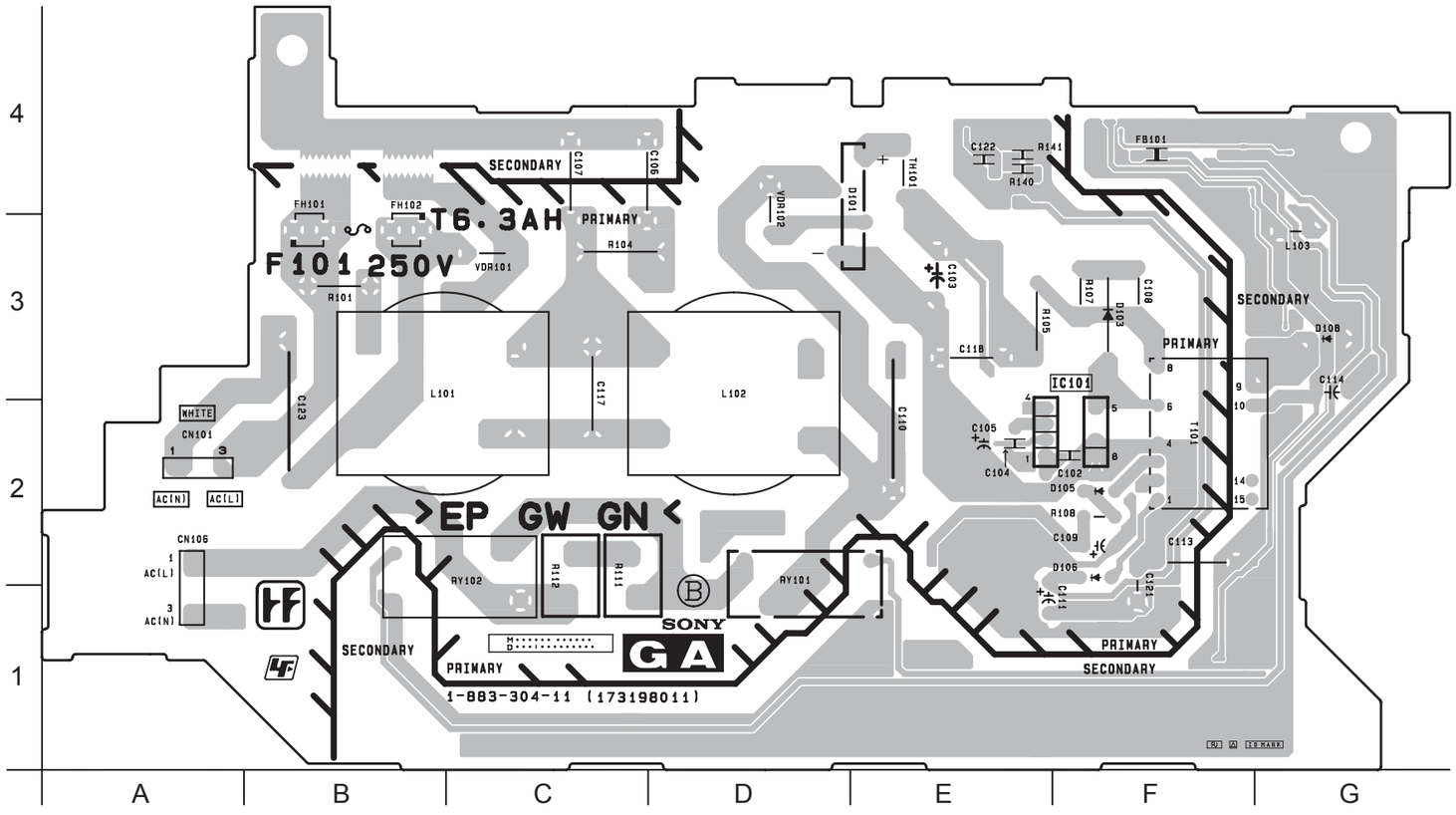
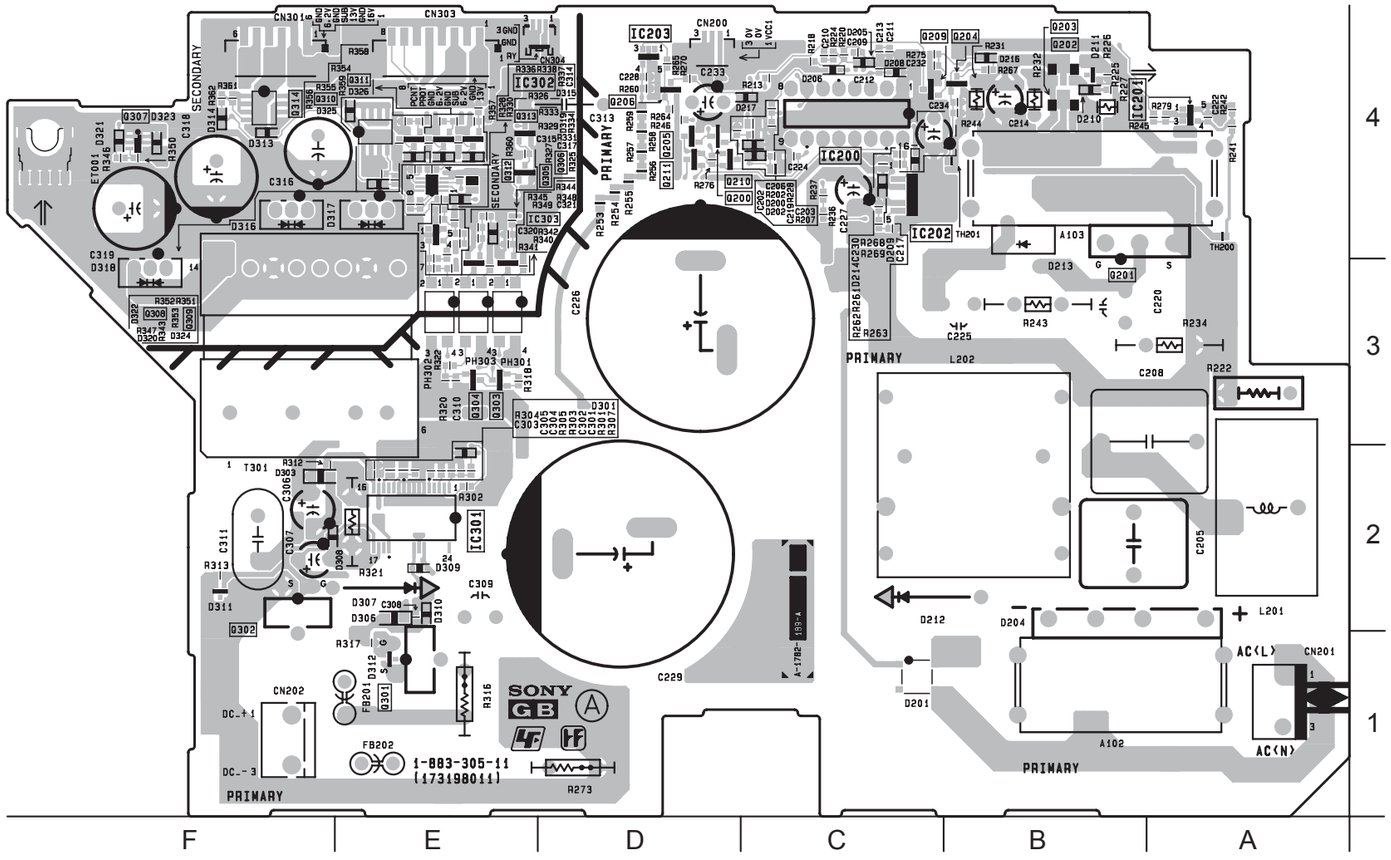


GA -B SIDE-
SUFFIX: -11

GB (1-883-305-11)
---
*:B SIDE

D200	C4	PH301	E3
D201	C1	PH302	E3
D202	C4	PH303	E3
D204	A1		
D205	C4	Q200	D4
D206	C4	Q201	B4
D208	C4	Q202	B4
D209	C4	Q203	B4
D210	B4	Q204	B4
D211	B4	Q205	D4
D212	B2	Q206	D4
D213	B4	Q209	B4
D214	C4	Q210	C4
D216	B4	Q211	D4
D217	C4	Q301	E1
D301	E2	Q302	F2
D303	F2	Q303	E3
D306	E2	Q304	E3
D307	E2	Q305	E4
D308	E2	Q306	E4
D309	E2	Q307	F4
D310	E2	Q308	E4
D311	F2	Q309	E4
D312	E1	Q310	E4
D313	F4	Q311	E4
D314	F4	Q312	E4
D315	E4	Q313	E4
D316	F4	Q314	F4
D317	E4		
D318	F3		
D319	E4		
D320	E4		
D321	F4		
D322	E4		
D323	F4		
D324	E4		
D325	E4		
D326	E4		

IC200	C4
IC201	A4
IC202	C4
IC203	D4
IC301	E2
IC302	E4
IC303	E4



GB -A SIDE-
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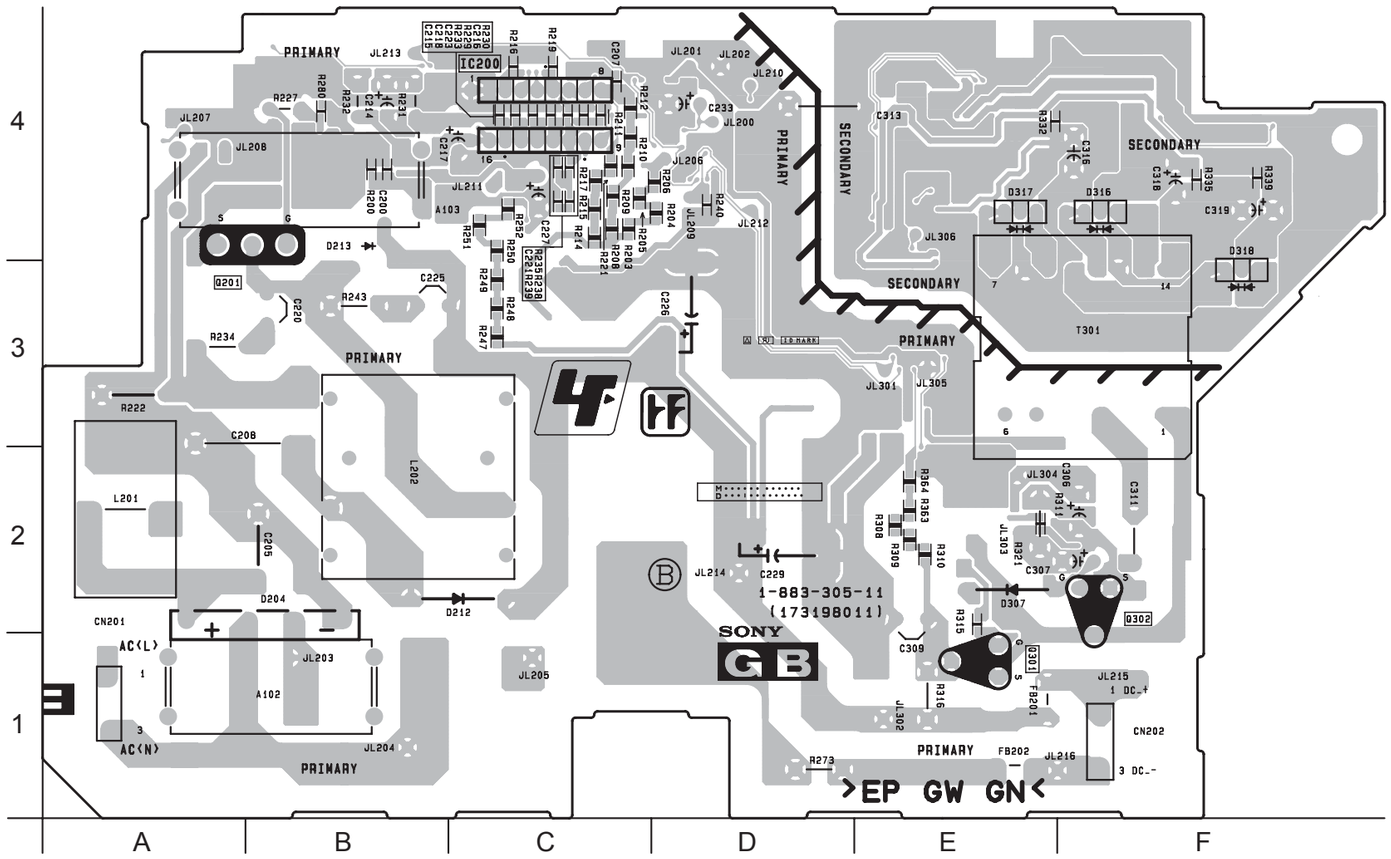
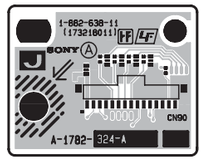


GB -B SIDE-
SUFFIX: -11

EM -A SIDE-
SUFFIX: -11

EM -B SIDE-
SUFFIX: -11



J -A SIDE-
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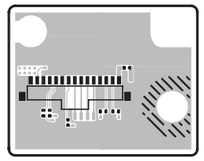

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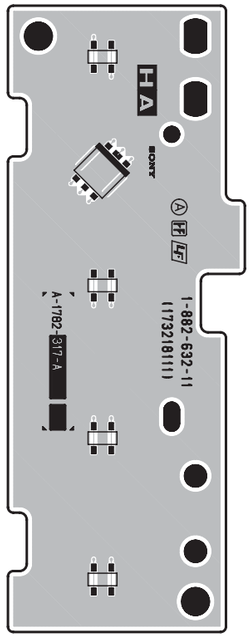

HA -A SIDE-
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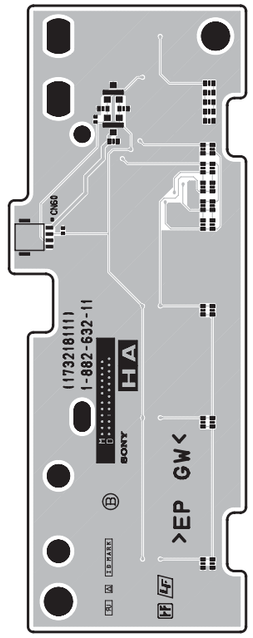

HA -B SIDE-
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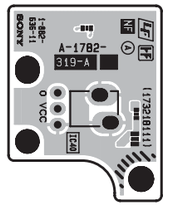

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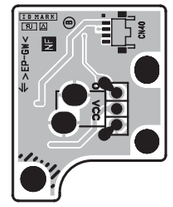

NF -B SIDE-
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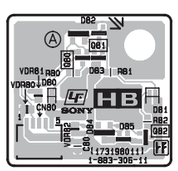

HB -A SIDE-
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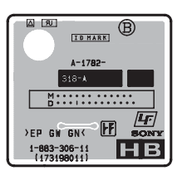
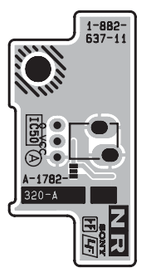


HB -B SIDE-
SUFFIX: -11



NR -A SIDE-
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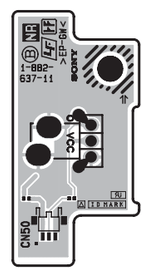

NR -B SIDE-
SUFFIX: -11

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QA (1-882-615-11)
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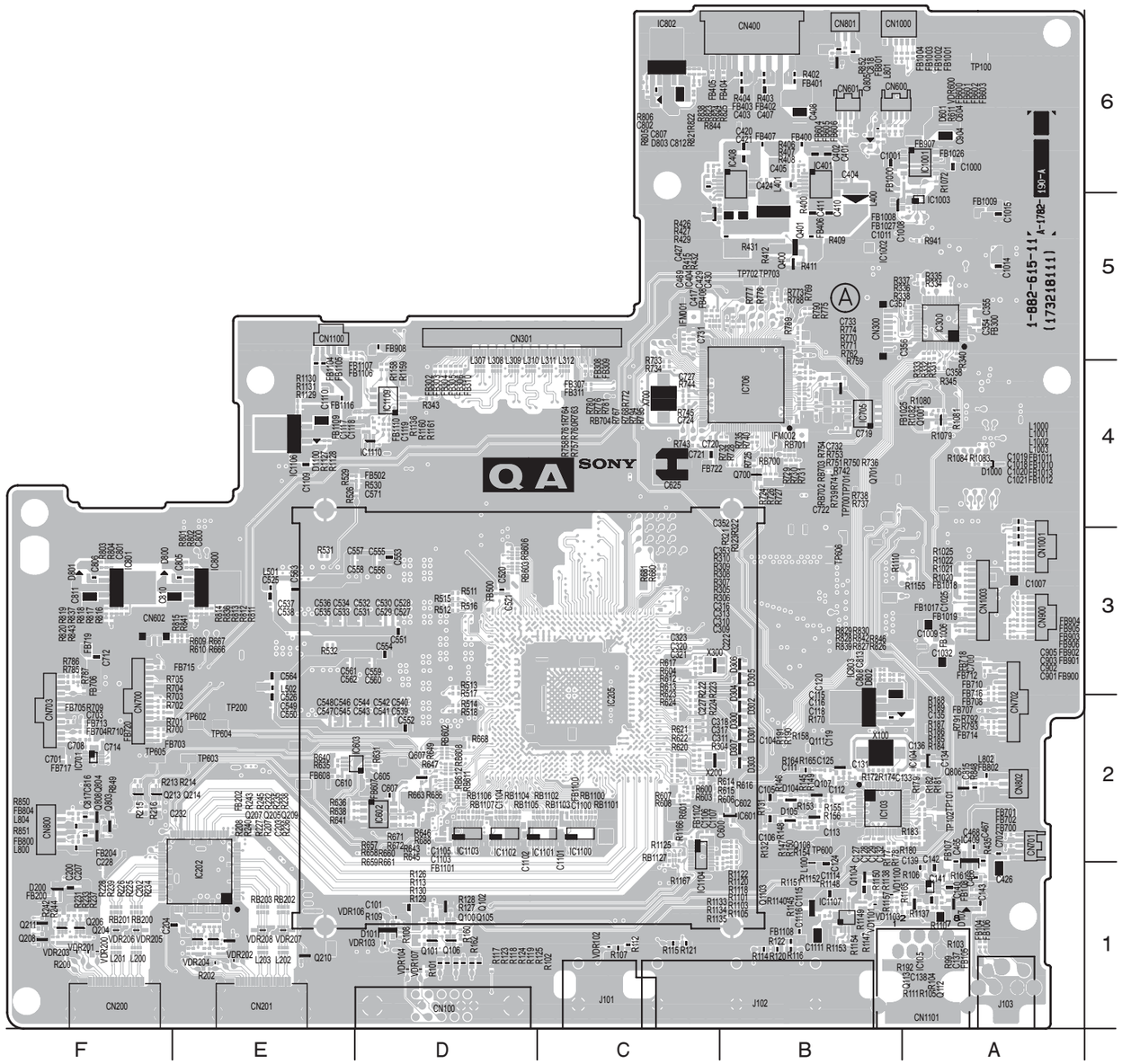
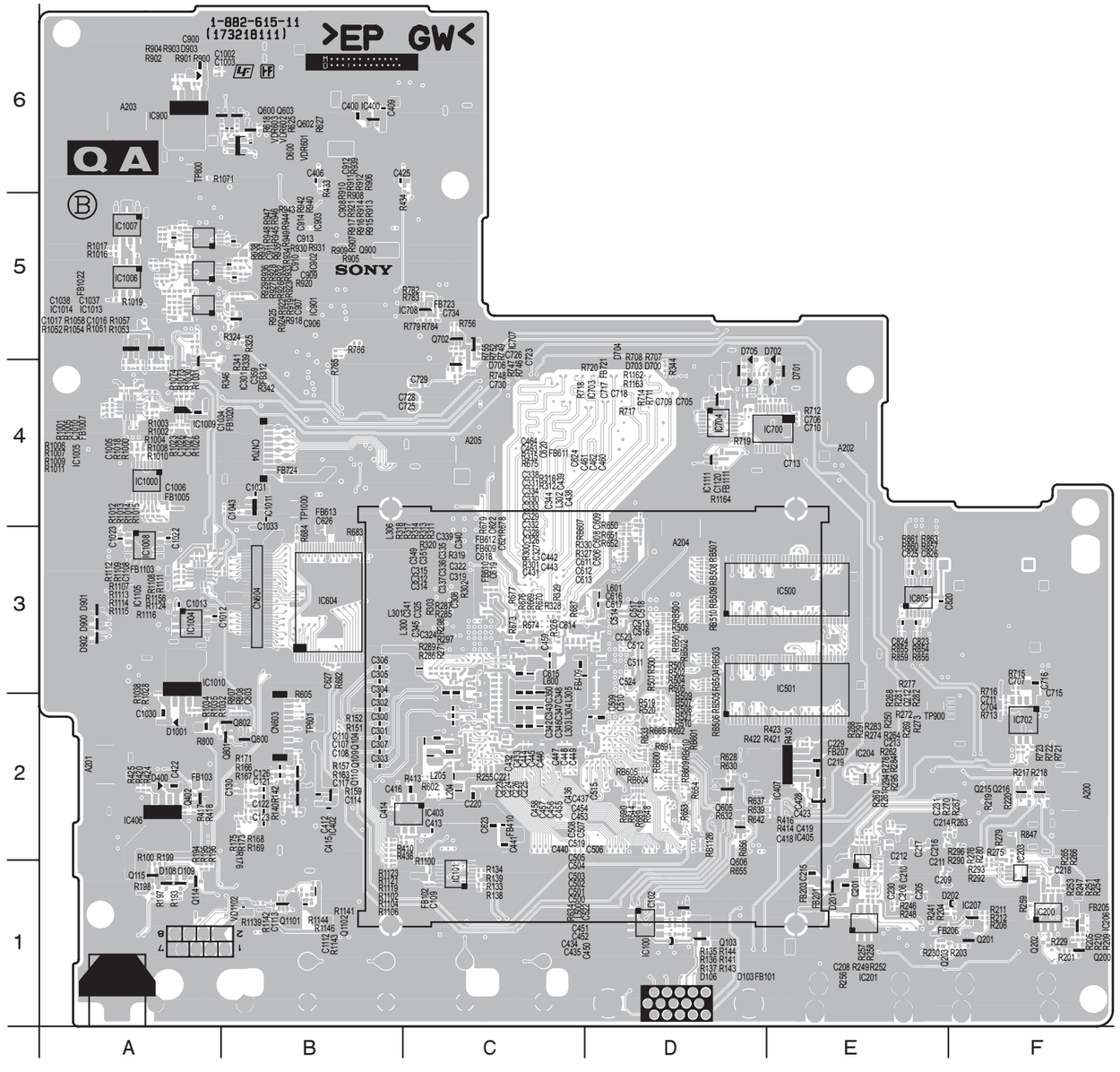
*:B SIDE
```

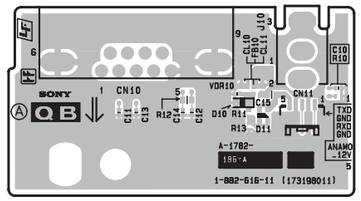
D101	D1	IC602	D2	Q207	E1	VDR208	E1
D103	*D1	IC603	D2	Q208	F1	VDR600	B6
D104	B2	IC604	*B4	Q209	E1	VDR601	*B6
D105	B2	IC701	F2	Q210	E1	VDR602	*B6
D106	*D1	IC702	*F2	Q211	F1	VDR603	*B6
D107	A1	IC703	*D4	Q212	*E2		
D108	*A1	IC704	*D4	Q213	F2	X100	B2
D109	*A1	IC705	B4	Q214	F2	X200	C2
D200	*F1	IC706	B4	Q215	*F2	X300	C3
D201	*E1	IC707	*B4	Q216	*F2	X700	C4
D202	*F1	IC708	*C5	Q400	B5		
D300	B2	IC800	E3	Q401	B5		
D301	B2	IC801	F3	Q402	*A2		
D302	B2	IC802	C6	Q600	*B6		
D303	B2	IC803	A2	Q602	*B6		
D304	B2	IC805	*E3	Q603	*B6		
D305	B3	IC900	*A6	Q605	*D2		
D306	B3	IC901	*A5	Q606	*D2		
D307	B2	IC902	*A5	Q607	D2		
D400	*A2	IC903	*A5	Q700	B4		
D600	*B6	IC1000	*A4	Q701	B4		
D601	*B6	IC1001	A6	Q702	*C4		
D700	*E4	IC1002	A5	Q800	*B2		
D701	*E4	IC1003	A5	Q801	*B2		
D702	*E4	IC1004	*A3	Q802	*B2		
D703	*E4	IC1005	*A4	Q803	F2		
D704	*E4	IC1006	*A5	Q804	F2		
D705	*E4	IC1007	*A5	Q805	B6		
D706	*C4	IC1008	*A3	Q806	A2		
D800	E3	IC1009	*A4	Q808	F2		
D801	F3	IC1010	*A3	Q900	*B5		
D802	B2	IC1011	*B3	Q1001	A4		
D803	C6	IC1013	*A5	Q1101	*B1		
D900	*A3	IC1014	*A5	Q1102	*B1		
D901	*A3	IC1100	C2	Q1103	B1		
D902	*A3	IC1101	C2	Q1104	B1		
D903	*A6	IC1102	D2				
D1000	A4	IC1103	D2	TP100	A6		
D1001	*A2	IC1104	C1	TP101	A2		
D1100	E4	IC1105	*A3	TP102	A2		
		IC1106	E4	TP200	E2		
IC100	A5	IC1107	B1	TP600	B2		
IC101	*C1	IC1109	D4	TP601	*B2		
IC103	B2	IC1110	D4	TP602	E2		
IC104	A2	IC1111	*D4	TP603	E2		
IC105	A1			TP604	E2		
IC200	*F1	Q100	D1	TP605	E2		
IC201	*E1	Q101	D1	TP606	B3		
IC202	E1	Q102	D1	TP700	B4		
IC203	*F1	Q103	*D1	TP701	B4		
IC204	*E1	Q104	*B2	TP702	B5		
IC205	C-2	Q105	D1	TP703	B5		
IC206	*F1	Q106	D1	TP800	*A5		
IC207	*F1	Q107	B2	TP900	*E2		
IC300	A5	Q108	B2	TP1000	*B3		
IC301	*C2	Q109	*B2				
IC400	*B6	Q110	*B2	VDR102	C1		
IC401	B6	Q111	B2	VDR103	D1		
IC402	*B2	Q112	A1	VDR104	D1		
IC403	*C2	Q113	A1	VDR106	D1		
IC404	B5	Q114	*A1	VDR107	D1		
IC405	*E2	Q115	*A1	VDR200	F1		
IC406	*A2	Q200	*F1	VDR201	F1		
IC407	*E2	Q201	*F1	VDR202	E1		
IC408	B6	Q202	*F1	VDR203	F1		
IC409	A1	Q203	*E1	VDR204	E1		
IC500	*E3	Q204	F1	VDR205	F1		
IC501	*E3	Q205	E1	VDR206	F1		
IC601	B2	Q206	F1	VDR207	E1		



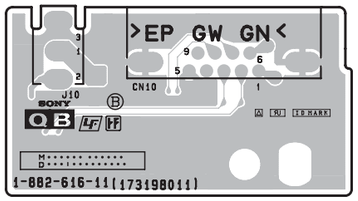
QA -A SIDE-
SUFFIX: -11



QA -B SIDE-
SUFFIX: -11



QB -A SIDE-
SUFFIX: -11



QB -B SIDE-
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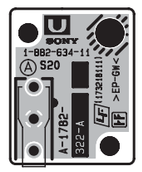

U -A SIDE-
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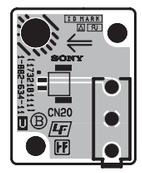

U -B SIDE-
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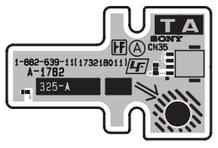

TA -A SIDE-
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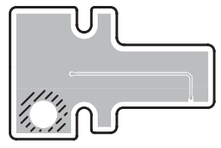

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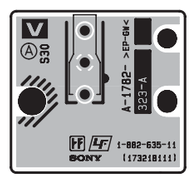

V -A SIDE-
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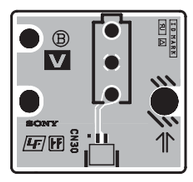

V -B SIDE-
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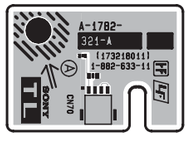

TL -A SIDE-
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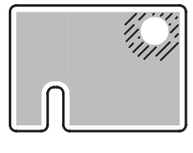

TL -B SIDE-
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